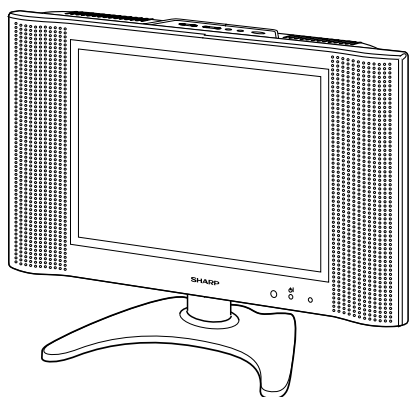


SHARP**SERVICE MANUAL**

S33Y8LC-20B4E

**LCD COLOUR TELEVISION****MODEL LC-20B4E**

In the interests of user-safety (Required by safety regulations in some countries) the set should be restored to its original condition and only parts identical to those specified should be used.

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IMPORTANT SERVICE SAFETY PRECAUTION

- **Service work should be performed only by qualified service technicians who are thoroughly familiar with all safety checks and the servicing guidelines which follow:**

WARNING

1. For continued safety, no modification of any circuit should be attempted.
2. Disconnect AC power before servicing.

CAUTION: FOR CONTINUED PROTECTION AGAINST A RISK OF FIRE REPLACE ONLY WITH SAME TYPE F3301(2A, 250V), F3302(1.25A, 250V), F6700 (1.25A, 250V), F6701 (1.25A, 250V), F6702 (1.25A, 250V), F6703 (1.25A, 250V) AND F6704 (1.25A, 250V) FUSE.

BEFORE RETURNING THE RECEIVER (Fire & Shock Hazard)

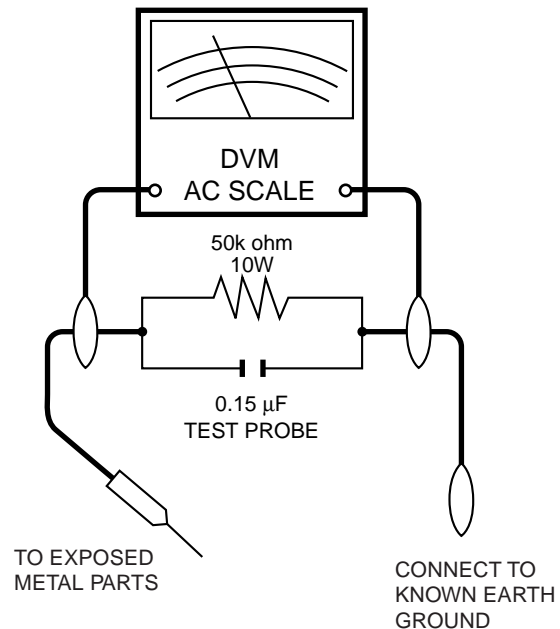
Before returning the receiver to the user, perform the following safety checks:

1. Inspect all lead dress to make certain that leads are not pinched, and check that hardware is not lodged between the chassis and other metal parts in the receiver.
2. Inspect all protective devices such as non-metallic control knobs, insulation materials, cabinet backs, adjustment and compartment covers or shields, isolation resistor-capacitor networks, mechanical insulators, etc.
3. To be sure that no shock hazard exists, check for leakage current in the following manner.
 - Plug the AC cord directly into a 110~240 volt AC outlet, and connect the DC power cable into the receiver's DC jack. (Do not use an isolation transformer for this test).
 - Using two clip leads, connect a 50k ohm, 10 watt resistor paralleled by a 0.15 μ F capacitor in series with all exposed metal cabinet parts and a known earth ground, such as electrical conduit or electrical ground connected to an earth ground.

- Use an AC voltmeter having with 5000 ohm per volt, or higher, sensitivity or measure the AC voltage drop across the resistor.
- Connect the resistor connection to all exposed metal parts having a return to the chassis (antenna, metal cabinet, screw heads, knobs and control shafts, escutcheon, etc.) and measure the AC voltage drop across the resistor.

All checks must be repeated with the AC cord plug connection reversed. (If necessary, a nonpolarized adaptor plug must be used only for the purpose of completing these checks.)

Any reading of 0.75V peak (this corresponds to 0.5 mA. peak AC.) or more is excessive and indicates a potential shock hazard which must be corrected before returning the monitor to the owner.



SAFETY NOTICE

Many electrical and mechanical parts in LCD television have special safety-related characteristics.

These characteristics are often not evident from visual inspection, nor can protection afforded by them be necessarily increased by using replacement components rated for higher voltage, wattage, etc.

Replacement parts which have these special safety characteristics are identified in this manual; electrical components having such features are identified by “⚠”

and shaded areas in the **Replacement Parts Lists and Schematic Diagrams**.

For continued protection, replacement parts must be identical to those used in the original circuit.

The use of a substitute replacement parts which do not have the same safety characteristics as the factory recommended replacement parts shown in this service manual, may create shock, fire or other hazards.

Precautions for using lead-free solder

1 Employing lead-free solder

"All PWBs" of this model employs lead-free solder. The LF symbol indicates lead-free solder, and is attached on the PWBs and service manuals. The alphabetical character following LF shows the type of lead-free solder.

Example:

LFa

Sn-Ag-Cu

Indicates lead-free solder of tin, silver and copper.

2 Using lead-free wire solder

When fixing the PWB soldered with the lead-free solder, apply lead-free wire solder. Repairing with conventional lead wire solder may cause damage or accident due to cracks.

As the melting point of lead-free solder (Sn-Ag-Cu) is higher than the lead wire solder by 40°C, we recommend you to use a dedicated soldering bit, if you are not familiar with how to obtain lead-free wire solder or soldering bit, contact our service station or service branch in your area.

3 Soldering

As the melting point of lead-free solder (Sn-Ag-Cu) is about 220°C which is higher than the conventional lead solder by 40°C, and as it has poor solder wettability, you may be apt to keep the soldering bit in contact with the PWB for extended period of time. However, Since the land may be peeled off or the maximum heat-resistance temperature of parts may be exceeded, remove the bit from the PWB as soon as you confirm the steady soldering condition.

Lead-free solder contains more tin, and the end of the soldering bit may be easily corroded. Make sure to turn on and off the power of the bit as required.

If a different type of solder stays on the tip of the soldering bit, it is alloyed with lead-free solder. Clean the bit after every use of it.

When the tip of the soldering bit is blackened during use, file it with steel wool or fine sandpaper.

Be careful when replacing parts with polarity indication on the PWB silk.

Lead-free wire solder for servicing

Part No,	★	Description	Code
ZHNDai123250E	J	φ0.3mm 250g(1roll)	BL
ZHNDai126500E	J	φ0.6mm 500g(1roll)	BK
ZHNDai12801KE	J	φ1.0mm 1kg(1roll)	BM

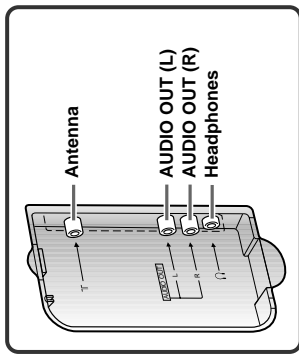
SPECIFICATIONS

Item		20" LCD COLOUR TV
LCD panel		20" Advanced Super View & BLACK TFT LCD
Number of dots		921,600 dots
Video colour system		PAL/SECAM/NTSC
TV	TV-Standard (CCIR)	B/G, I, D/K, L
	TV-Tuning System	Auto preset 200 ch.
	STEREO/BILINGUAL	NICAM, IGR
	AUTO PRESET	YES
	CATV	~Hyper Band
Brightness		430 cd/m ²
Lamp life		60,000 hours
Viewing angles		H: 170° V: 170°
Audio amplifier		2.5 W × 2
Speakers		5 cm ø 2 pcs.
Terminals	AV-IN 1	21 pin Euro-SCART
	AV-IN 2	S-VIDEO, VIDEO, AUDIO
	OUT	AUDIO
	Antenna	DIN
	Headphones	3.5 mm ø jack (Rear)
OSD language		English/German/French/Spanish/Italian/Swedish/Dutch/Russian
Power requirement		DC 13 V, AC 110 V – 240 V, 50/60 Hz
Weight		8.7 kg w/o accessories
Accessories		Operation Manual, Remote Control, Batteries (× 2), AC adapter, AC cord, Cable clamps (× 2)

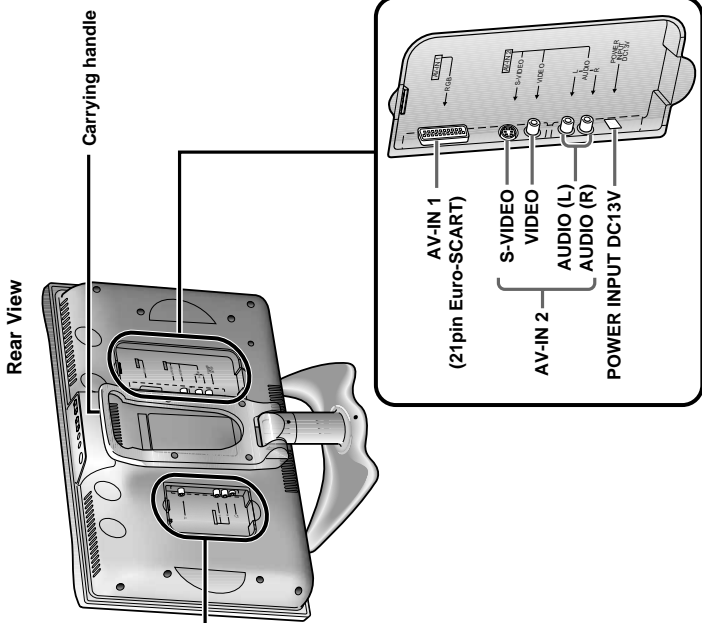
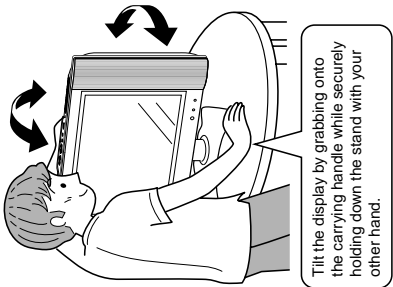
Specifications are subject to change without prior notice.

OPERATION MANUAL

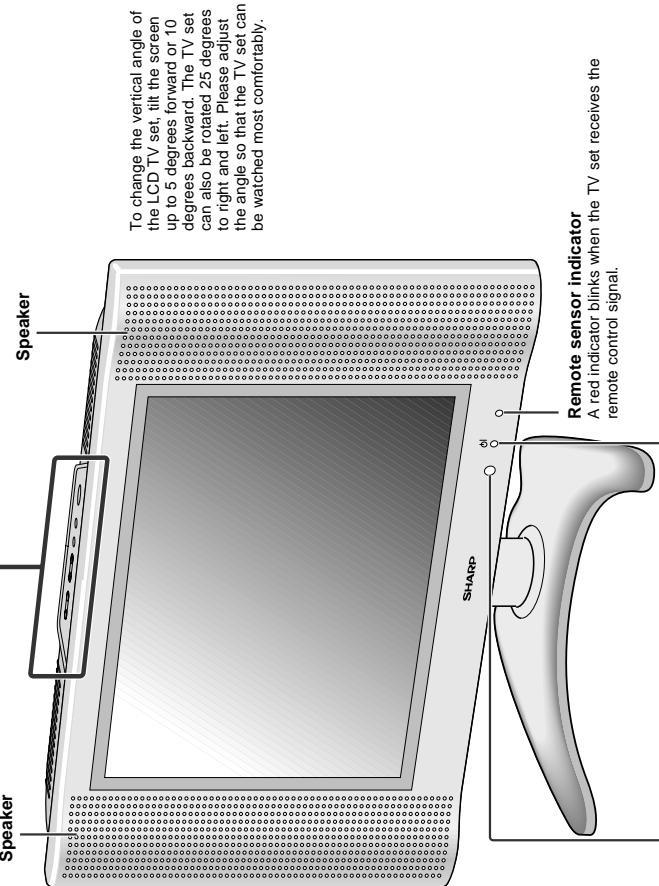
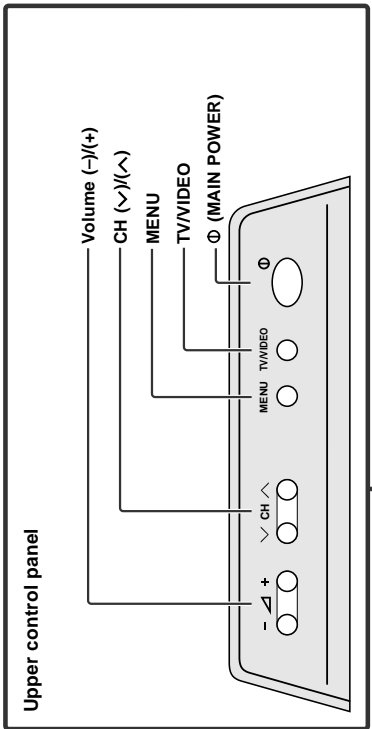
Terminals



How to adjust the angle



Controls



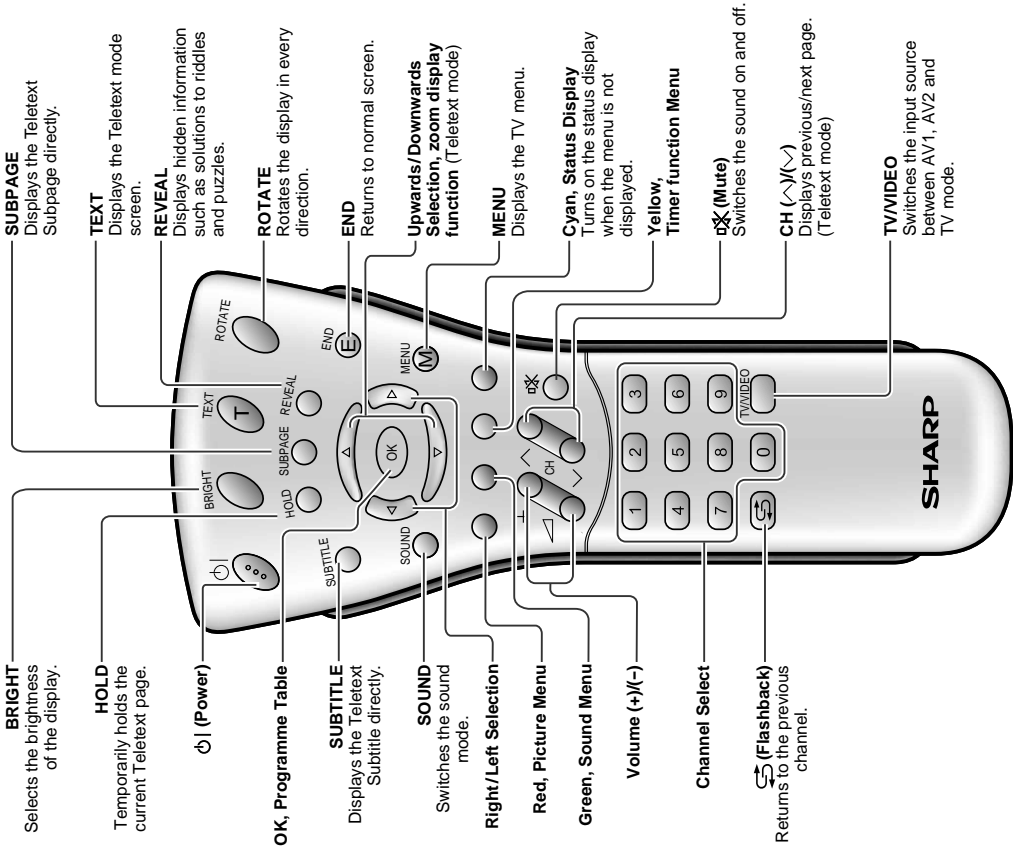
To change the vertical angle of the LCD TV set, tilt the screen up to 5 degrees forward or 10 degrees backward. The TV set can also be rotated 25 degrees to right and left. Please adjust the angle so that the TV set can be watched most comfortably.

POWER/STANDBY indicator

A green indicator lights when the power is on and a red indicator lights when in the standby mode (the indicator will not light when the main power is off).

Note:

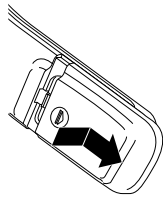
• TV/VIDEO, CH(v/^), Volume (-)/(+) and MENU on the main unit have the same functions as the same buttons on the remote control. Fundamentally, this operation manual provides a description based on operation using the remote control.



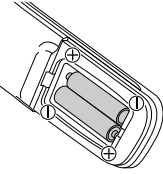
Installing Batteries in the Remote Control

Before using the LCD TV set for the first time, install the two R-03 ("AAA" size, UM/SUM-4) batteries supplied in the remote control. When the batteries become depleted and the remote control fails to operate, replace the batteries with new R-03 ("AAA" size, UM/SUM-4) batteries.

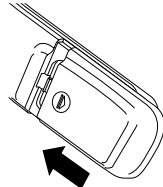
- 1 Open the battery cover.
- 2 Insert two R-03 ("AAA" size, UM/SUM-4) batteries.
- 3 Replace the battery cover.



■ Slide the cover while pressing the (▼) part.



■ Position the positive and negative ends of the batteries as indicated in the compartment.



■ Engaging the lower claw with the remote control, close the cover.

Caution!

Precautions regarding batteries

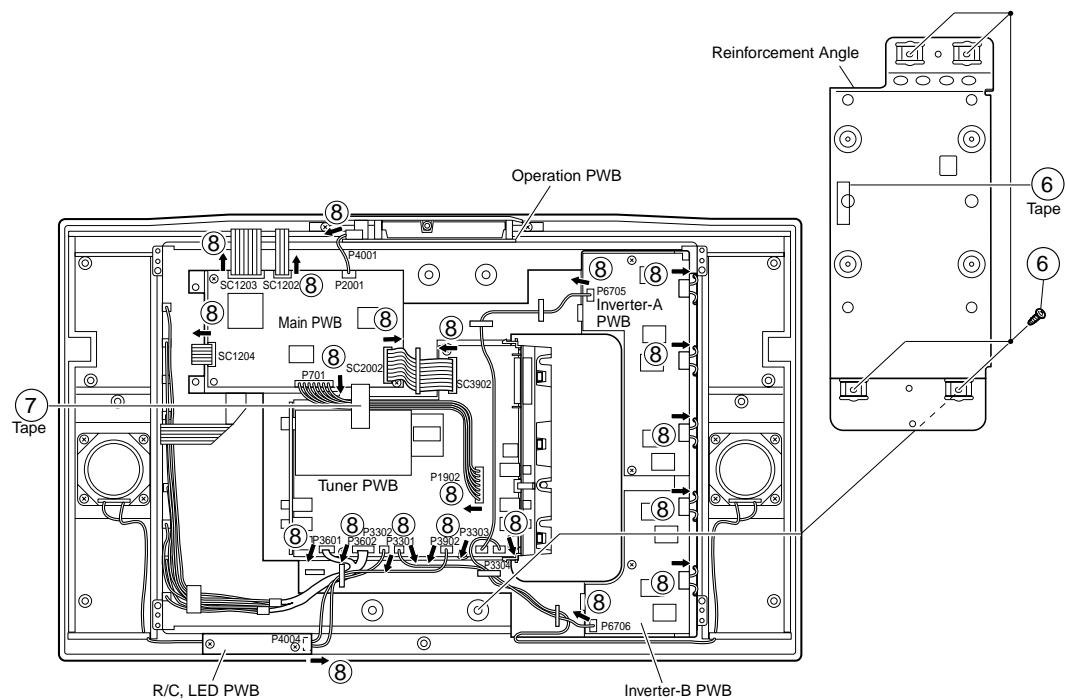
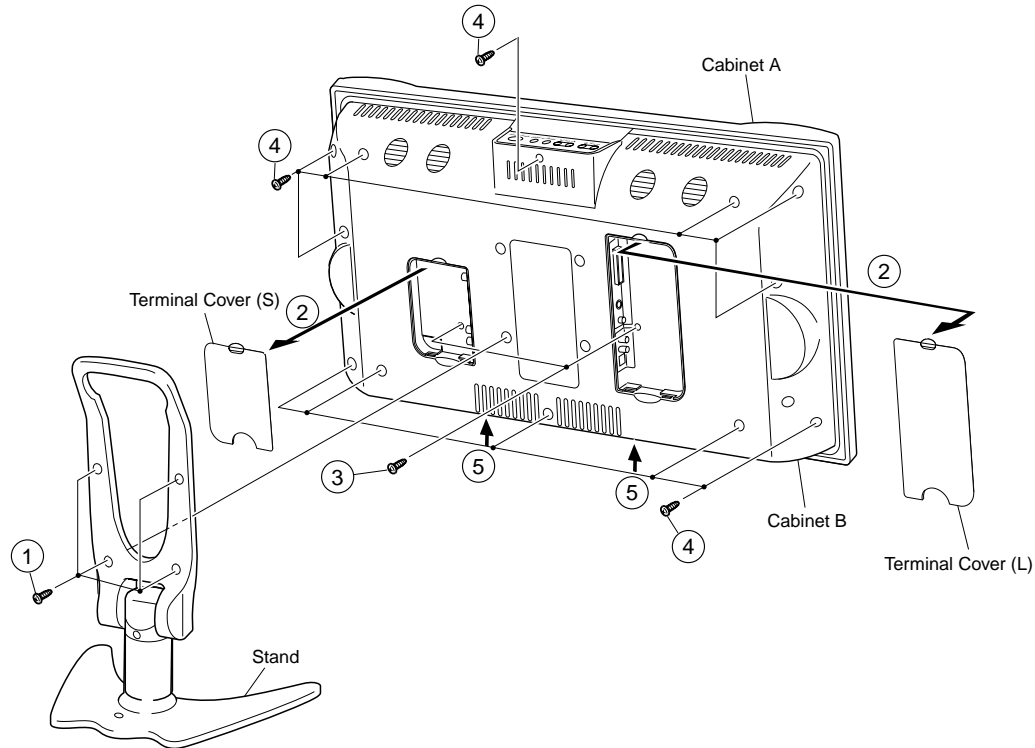
- Improper use of batteries can result in a leakage of chemicals and/or explosion. Be sure to follow the instructions below.
- Place batteries with their terminals corresponding to the (+) and (-) indications.
- Different types of batteries have different characteristics. Do not mix batteries of different types.
- Do not mix old and new batteries. Mixing old and new batteries can shorten the life of new batteries and/or cause old batteries to leak chemicals.
- Remove batteries as soon as they are depleted. Chemicals that leak from batteries can cause a rash. If chemical leakage is found, wipe it off with a cloth.
- The batteries supplied with the product may have a shorter life expectancy due to storage conditions.
- If the remote control is not to be used for an extended period of time, remove the batteries from the remote control.

Unit: mm

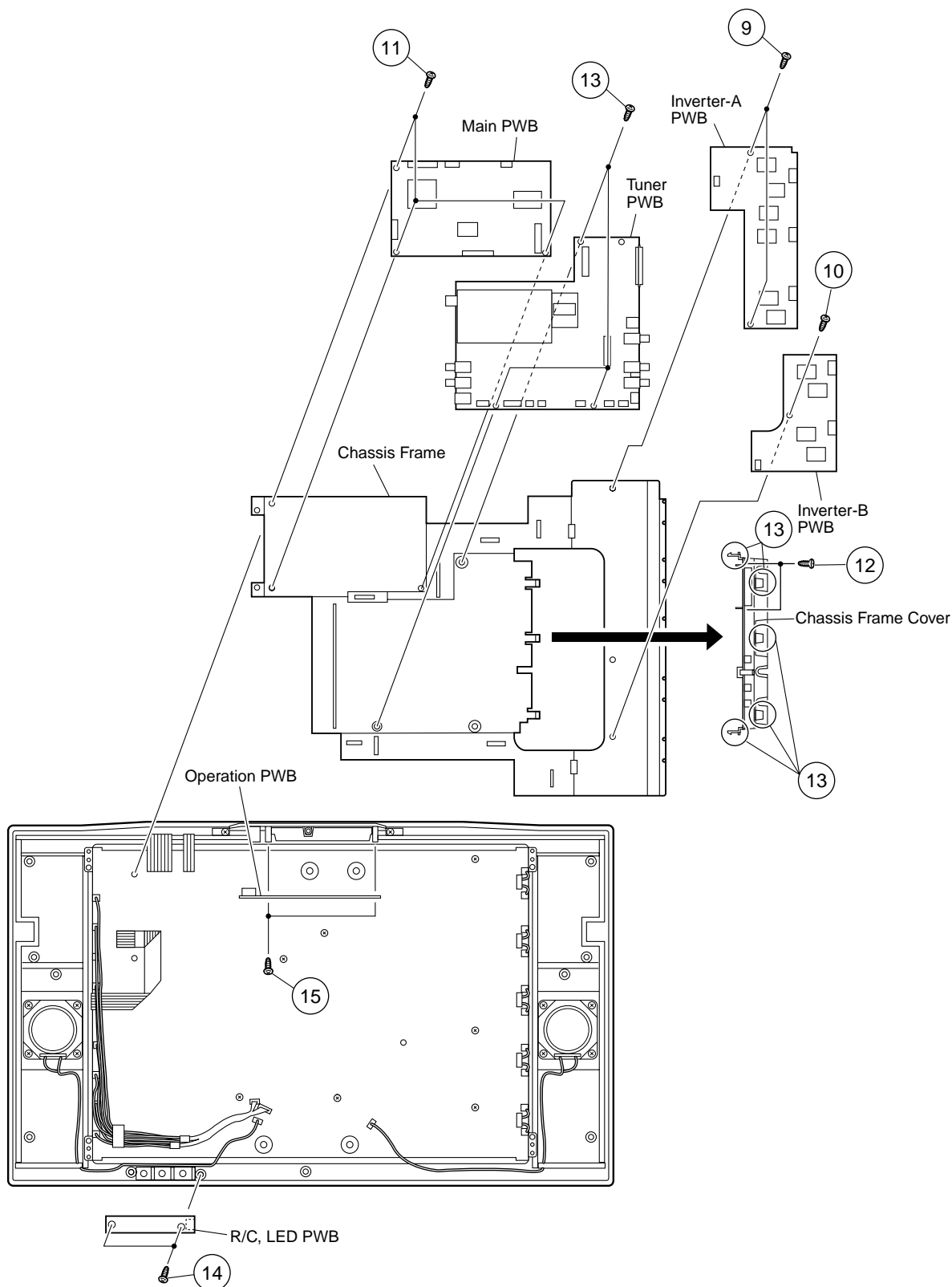


REMOVING OF MAJOR PARTS

1. Remove the stand fixing screws (4 pcs.).
2. Remove the two terminal covers.
3. Remove the terminal section fixing screws (2 pcs.).
4. Remove the cabinet B fixing screws (12 pcs.).
5. Remove the cabinet B after opening from the direction of an arrow.
6. Peel off the tape. Remove the reinforcement angle fixing screws (4 pcs.).
7. Peel off the tape.
8. Detach the connector from each PWB.



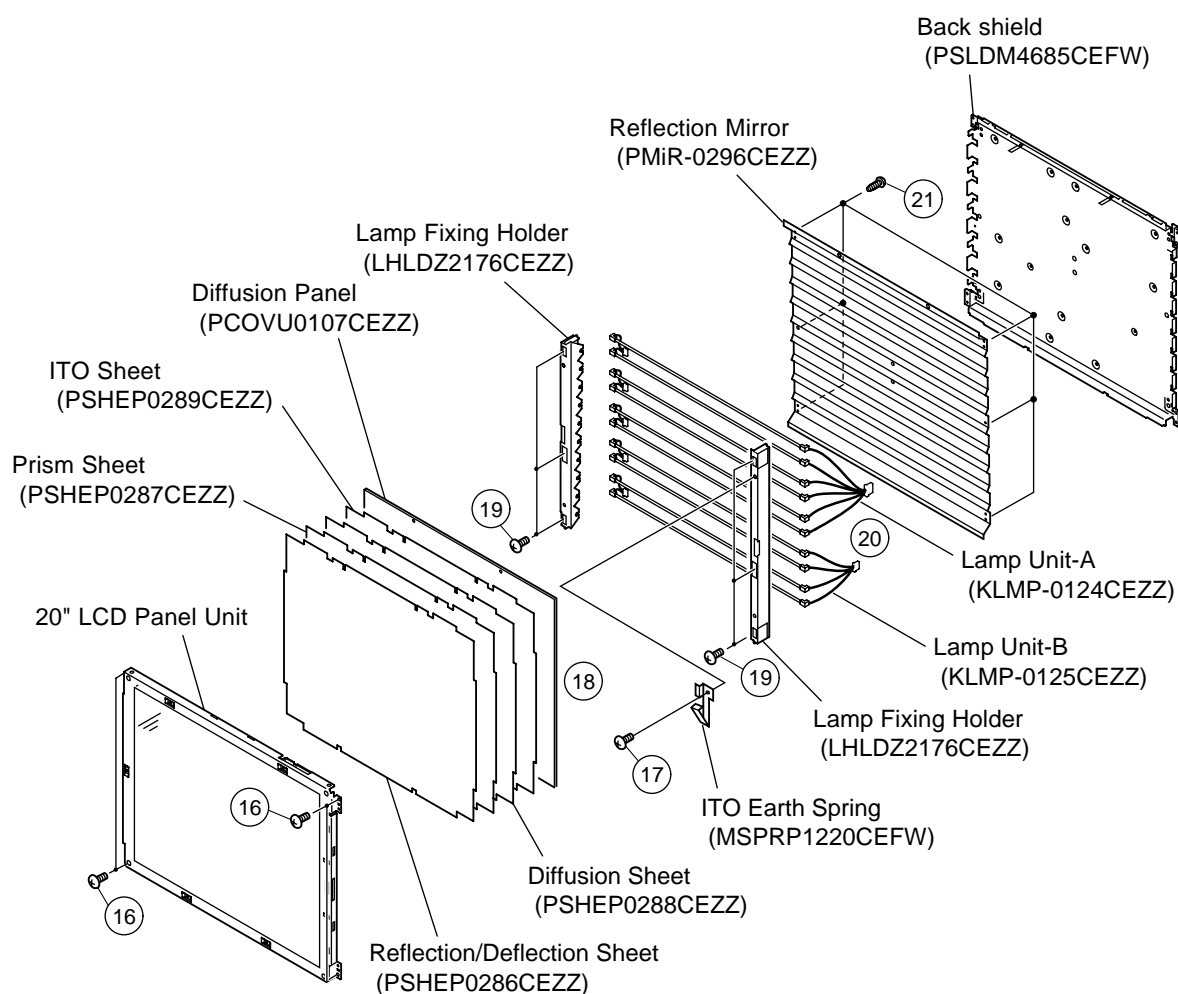
9. Remove the inverter-A PWB fixing screws (2 pcs.).
10. Remove the inverter-B PWB fixing screws (1 pc.).
11. Remove the main PWB fixing screws (3 pcs.).
12. Remove the 21-pin terminal fixing screw (2 pcs.).
13. Remove the tuner PWB fixing screws (3 pcs.) and detach the chassis frame cover fixing hooks.
14. Remove the R/C, LED PWB fixing screws (2 pcs.).
15. Remove the operation PWB fixing screws (2 pcs.).



- Precautions in handling the LCD panels

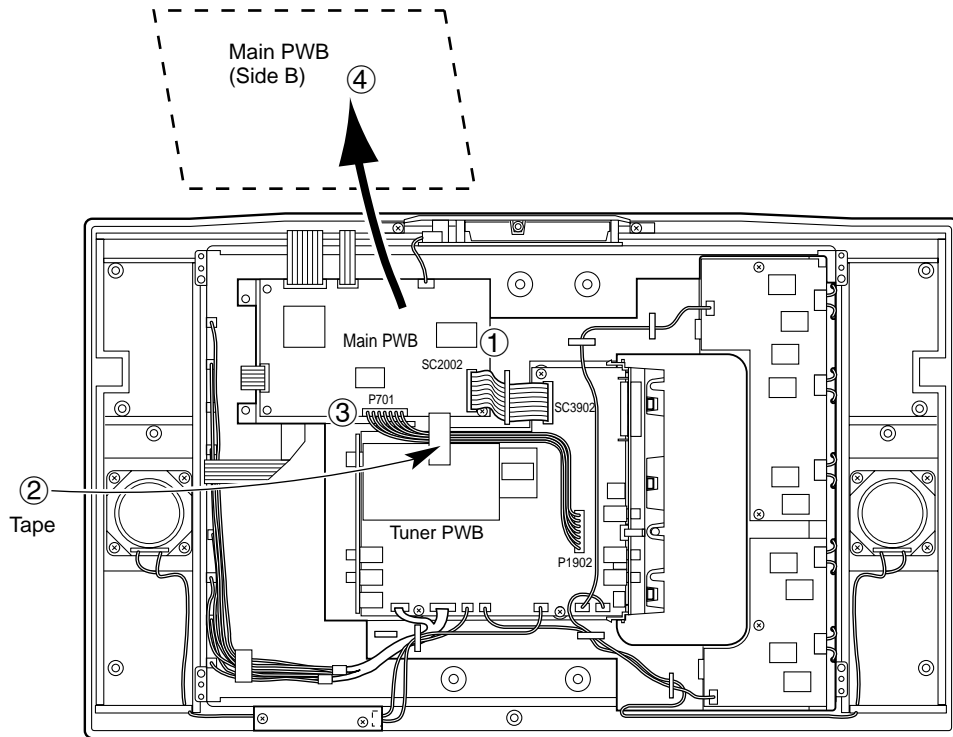
1. Work in a clean room (with humidities below 50%).
2. Be sure to wear an anti-static armband.
3. Handle the panels on an electro-conductive mat.
4. Be careful not to fall, shake and shock the panels.

16. Remove the LCD panel unit fixing screws (4 pcs.).
17. Remove the ITO earth spring fixing screw (1 pc.).
18. Remove the reflection/deflection, prism, diffusion, ITO sheets and diffusion panel.
19. Remove the lamp fixing holder fixing screws (6 pcs.).
20. Detach the lamp unit-A/B.
21. Remove the reflection mirror fixing screws. (6 pcs.).



●Precautions at the time of the side B(back) service of main unit.

1. Remove only SC2002 of the FFC for connection between Main unit(SC2002) and Tuner unit(SC3902), and connect the extended cable (QCNW-A369WJZZ) for service.
2. Peel off the tape.
3. Remove only P701 of the FFC for connection between Main unit(P701) and Tuner unit(P1902), and connect the extended cable (QCNW-B194WJZZ) for service.
4. Remove the main unit fixing screws(2 pcs.), a substrate is reversed.



Step	Part No.	Description
1	QCNW-A369WJZZ	Extension Cable 50-pin Main (SC2002)-Tuner (SC3902)
3	QCNW-B194WJZZ	Extension Cable 12-pin Main (P701)-Tuner (P1902)

ADJUSTING PROCEDURE OF EACH SECTION

The best adjustment is made before shipping. If any position deviation is found or after part replace is performed, adjust as follows.

Preparation for adjustments

Use the dedicated AC adaptor or stable DC power supply.

LC20B4E AC adaptor: UADP-0241CEPZ

DC power supply: 13V 5.4A

1. Adjusting procedure

- Checker adjustment
Power ON (Adjustment processing mode) → +B adjustment → Counter bias adjustment → TAMP (Contrast) adjustment → White balance adjustment

2. Entering the adjustment processing mode

There are the following two methods.

- Setting the pin (81)(KEY4) or pin (82)(KEY5) of IC2001 (microprocessor) to GND, turn on the power.
- A "POWER" key is made on with pushing an "TV/VIDEO" and "MENU" keys at the same time. (K of the inspection process mode is displayed by the upper left of the image plane.) → Next, "CH (✓)" and "VOL (-)" keys are pushed at the same time. (It becomes the image plane of the adjustment process mode.).....When it is canceled, it is made to turn it off. (Even off in the "MAIN POWER" key, off with R/C are good.)

3. Key operation in the adjustment process mode

- The receiving channel UP/DOWN is performed with the "CH (∧)/(∨)" keys.
One push ... The UP/DOWN tuning is performed per channel.
Continuous push ... The UP/DOWN search is performed until a next receivable station is found.
- Various adjustments
The adjustment is performed for each item by the "MENU", "Menu cursor", "CH (∧)/(∨)" or "VOL (+)/(-)" keys (LCD TV set and remote control).
- Adjustment item is chosen with the Menu cursor upward/downward keys.
- The adjustment item makes a toggle operation with the "MENU" key input. (Next item)
If the "MENU" key is input while the bottom item is selected, it moves to the top item on the next page.
- Press the auto preset button on the remote controller in the adjustment process mode, and the top item of the next page will show up regardless of which item appears now.
Page 1 → Page 2 → ... → Page 57 → Page 1
- Press the manual memory button on the remote controller in the adjustment process mode, and the top item of the same page will show up.
- UP/DOWN of each adjustment vale selected is performed with the VOL (+)/(-) keys input.

4. Initialization

When the microprocessor (IC2001) or the EEPROM (IC2008, IC2010) has been replaced or when the EEPROM has been initialized, readjust the each adjustments.

4-1. Connect the pins (81) and (82) of IC2001 (microprocessor) to GND, and turn on the power.

4-2. Select the model name to (A522).

4-3. Select the inch size (20).

4-4. LED changes green from red after setting finish and about 15 seconds, initialization is completed, and it becomes adjustment mode.

4-5. Writing the model-by-model data

For the Ver.1.10A microprocessor, get it initialized first and then make the settings, listed below, on it. (The microprocessor version is indicated at the bottom of Adjustment Process Page 1.)

Ver.1.10A data reprogramming (INCH SIZE [20])		
Adjustment process page	Item	OSD settings
8	PAL BRIGHTNESS	0 → +5
13	SECAM BRIGHTNESS	0 → +5
18	N358 BRIGHTNESS	0 → +5
22	N443 BRIGHTNESS	0 → +5
26	PAL-M BRIGHTNESS	0 → +5
30	PAL-N BRIGHTNESS	0 → +5
34	PAL60 BRIGHTNESS	0 → +5
41	DPS NLC A6	0E → 0B
41	DPS NLC A8	0E → 0A
41	DPS NLC AA	18 → 1A
41	DPS NLC AC	38 → 2A
41	DPS NLC AE	3C → 30
41	DPS NLC B0	53 → 3B
41	DPS NLC B2	4E → 42
41	DPS NLC B6	07 → 10
41	DPS NLC BA	15 → 23
41	DPS NLC BC	39 → 32
41	DPS NLC BE	40 → 35
41	DPS NLC C6	07 → 10
41	DPS NLC CA	15 → 1B
41	DPS NLC D0	50 → 55

4-6. Precautions in replacing the EEPROMs (IC2008 and IC2010)

When the EEPROMs (IC2008 and IC2010) have been replaced, be sure to replace also the microprocessor (IC2001) with the one "Part No. RH-iXA522WJN1Q".

The version of the RH-iXA522WJN1Q microprocessor is 1.20A.

5. Adjustment

5-1. +B adjustment...Page 1 +B-ADJ

Adjust the voltage of the pin (4) of P1902 to 5.00 ±0.02V with R3714.
Note: Since 5.0V is a reference voltage of all power voltage, adjust it precisely.

5-2. Counter-bias adjustment

Vary the "COM BIAS" setting on Page 2 of the adjustment process mode so that the contrast be sharpest (black looks most sinking).

5-3. TAMP adjustment

- 1) Receive the upper left of 75% white half colour bar signal.
- 2) See if the "Y" reading on page 2 of the adjustment process mode is somewhere following. If not, make the "PAL TAMP" adjustment to get the "Y" reading in the range of AE thru BD.
- 3) If the adjustment of "PAL TAMP" is executed, write its adjustment value to the "SECAM TAMP" manually.

(Screen of the page 2 of the adjustment processing menu OSD)

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
0		2																									
1		▶	C	O	M		B	I	A	S															9	0	
2			P	A	L		T	A	M	P															2	1	
3			S	E	C	A	M		T	A	M	P													2	1	
4			R	C	U	T	O	F	F																	0	
5			G	C	U	T	O	F	F																	0	
6			B	C	U	T	O	F	F																	0	
7			R	G	A	I	N																			0	
8			G	G	A	I	N																			0	
9			B	G	A	I	N																			0	
10				Y																						B	6
11				T	A	M	P		H																	B	D
12				T	A	M	P		L																	A	E
13																											

Y Data
(White 75%)

5-4. White balance adjustment

Adjust "RCUTOFF" and "BCUTOFF" on the page 2 of the adjustment processing so as to obtain the colour of the same level as the standard set.

6. Factory Setting

- 6-1. Perform a factory setting after completing all adjustments.
- 6-2. A "POWER" keys is made on with pushing an "TV/VIDEO" and "MENU" keys at the same time.
- 6-3. "K" of the inspection process mode is displayed on the screen upper left.
- 6-4. CH (∧) and VOL (+) keys are pushed about 2 seconds at the same time.
- 6-5. Release keys, if "E" is displayed on the screen upper left and "COMPLETE" is displayed on the bottom of it.
- 6-6. After a while, a power will be in a standby mode and a setup will be finished.

Note: "First installation" serves on "Deutsch".

7. Lamp error detection

7-1. Functional description

This LCD colour television has a function (lamp error detection) to be turned OFF automatically for safety when the lamp or lamp circuit is abnormal.

If the lamp or lamp circuit is abnormal, or some other errors happen, and the lamp error detection is executed, the followings occur.

- ① The main unit of television is turned OFF 5 seconds after it is turned ON. (The power LED on the front side of TV turns from green to red.)
- ② If the situation ① happens 5 times sequentially, television can not be turned ON. (The power LED remains red.)

7-2. Countermeasures

7-2-1. Check when turning OFF the lamp error detection

When television is turned OFF by the lamp error detection mentioned above, it enters the adjustment process with the power LED red. Entering the adjustment process turns OFF the error detection and turns ON TV.

This enables the operation check to detect errors in the lamp or lamp circuit.

Check whether "ERROR NO RESET" on line 3, page 1 of the adjustment process is 1 or more. If it is 1 or more, it indicates the lamp error detection was executed.

7-2-2. Resetting of the lamp error count

After confirming that the lamp or lamp circuit is normal, reset the lamp error count. Select "ERROR NO RESET" on line 3, page 1 of the adjustment process and set the number to 0 using the volume button.

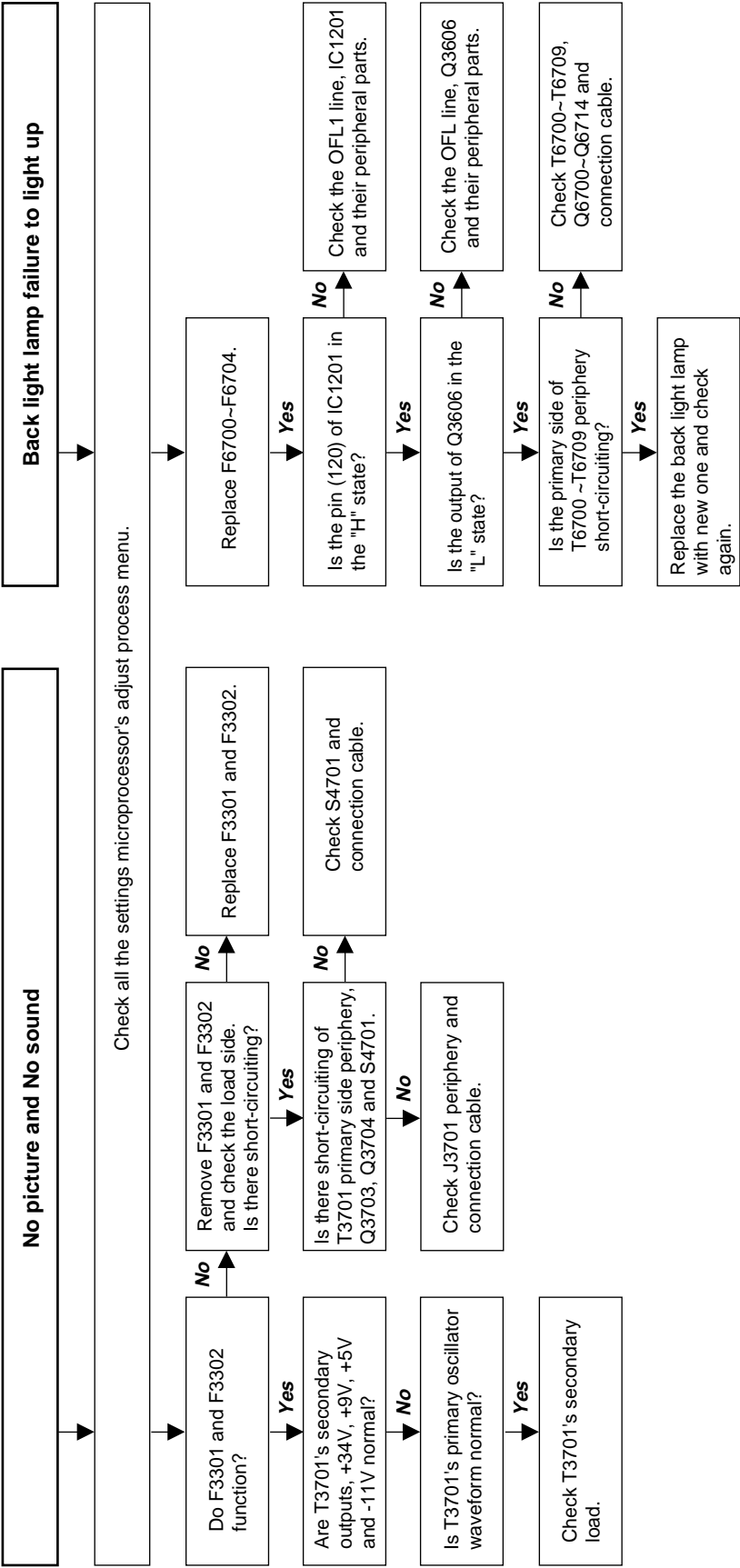
Page 1 of the adjustment process

1		
MODEL		A522
INCH	SIZE	20
ERROR	NO RESET	5
PUBLIC	MODE	OFF
EXT	CONTROL	OFF
EXT	MODE	UART
UPDATE	MODE	NORMAL
TEXT	RESET	OFF
VER ROM 1.10A		

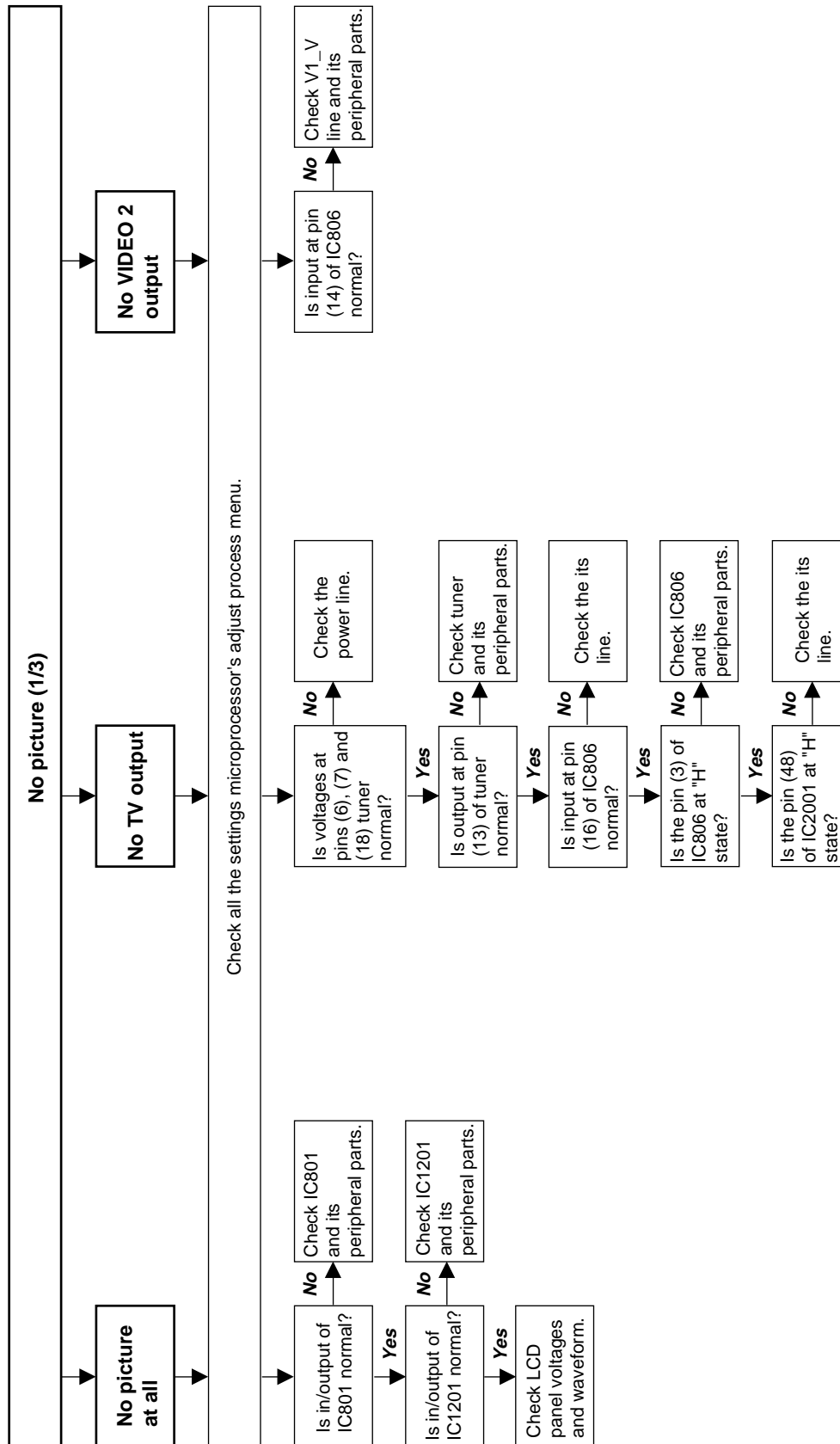
Reset 0

Afterwards, perform the operation check to confirm that the lamp error detection does not function.

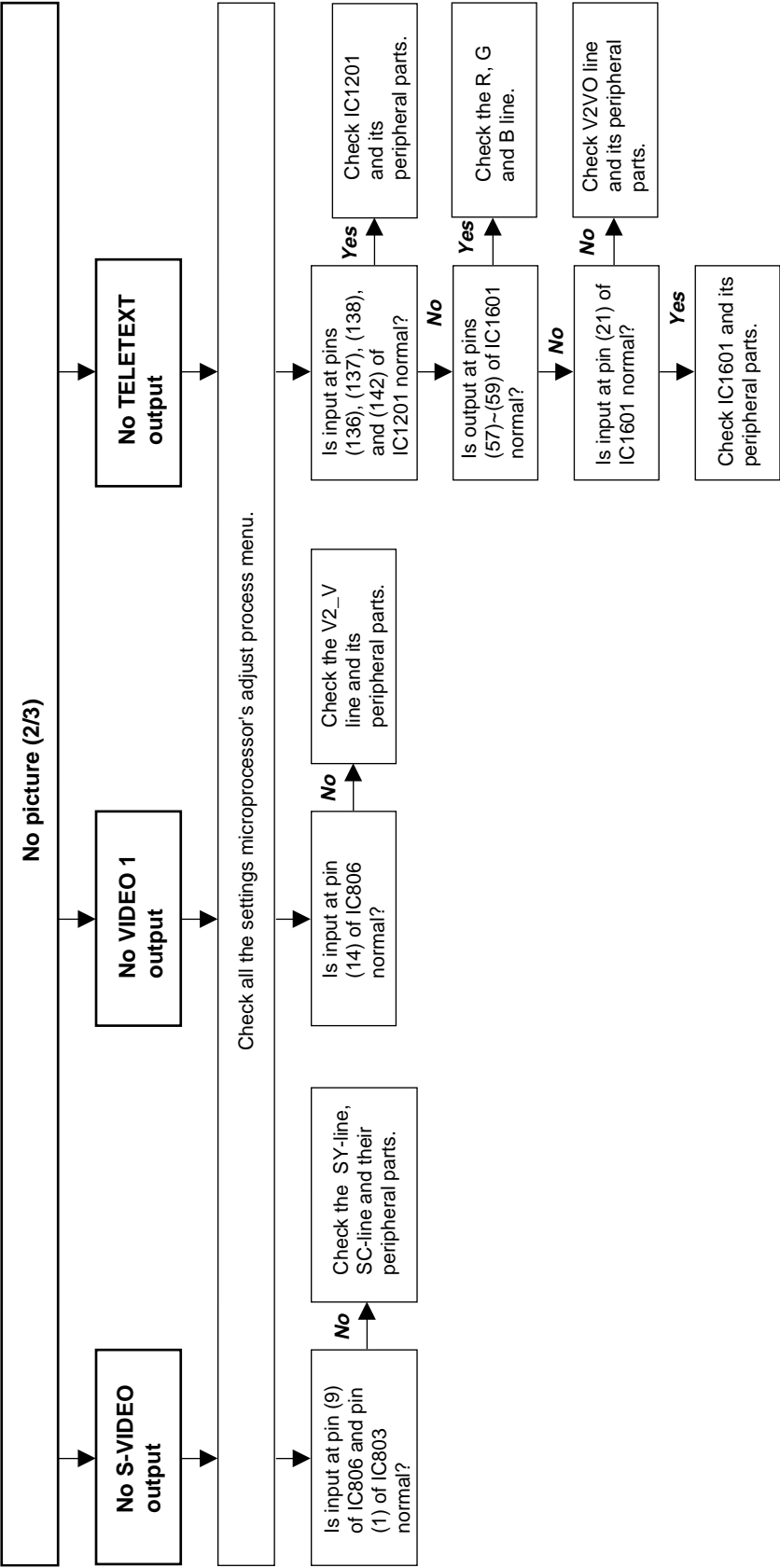
TROUBLE SHOOTING TABLE



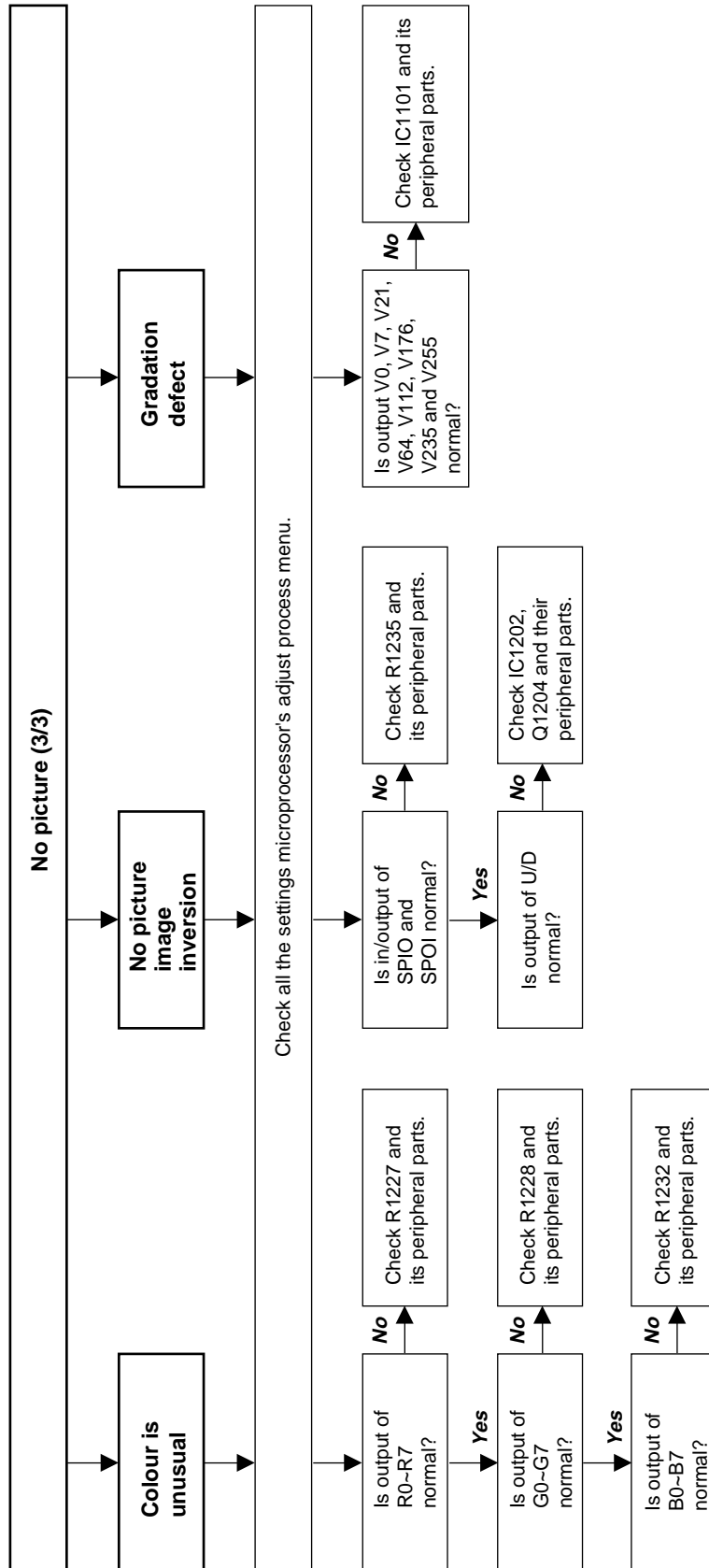
TROUBLE SHOOTING TABLE (Continued)



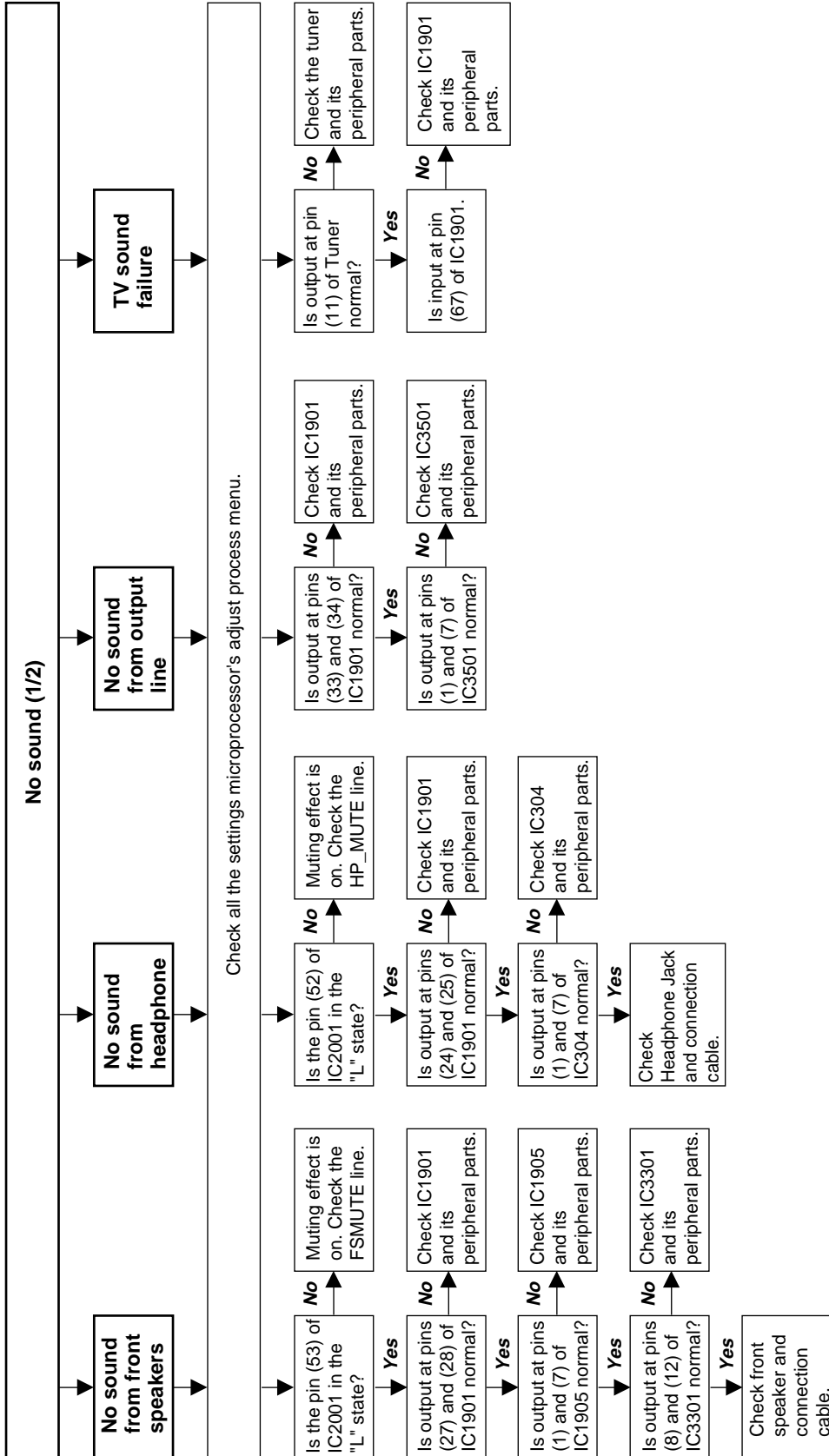
TROUBLE SHOOTING TABLE (Continued)

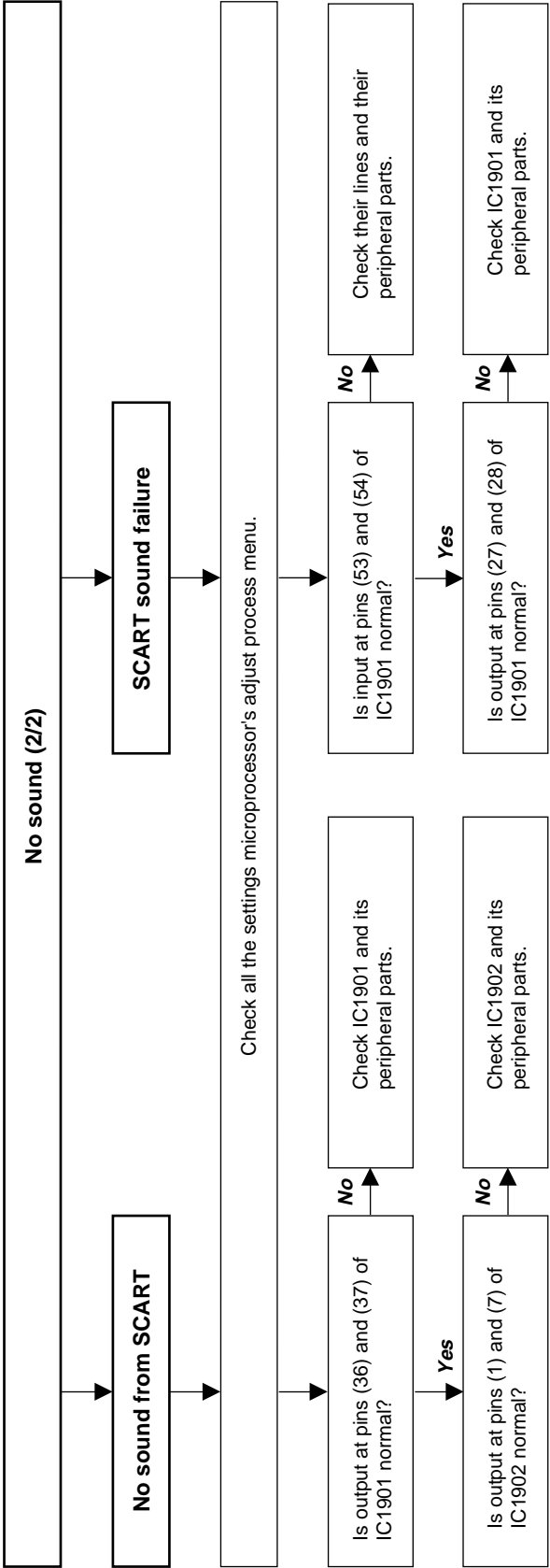


TROUBLE SHOOTING TABLE (Continued)



TROUBLE SHOOTING TABLE (Continued)

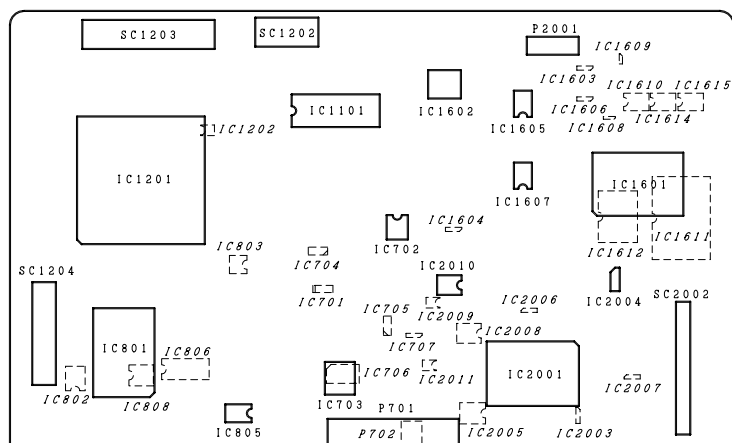




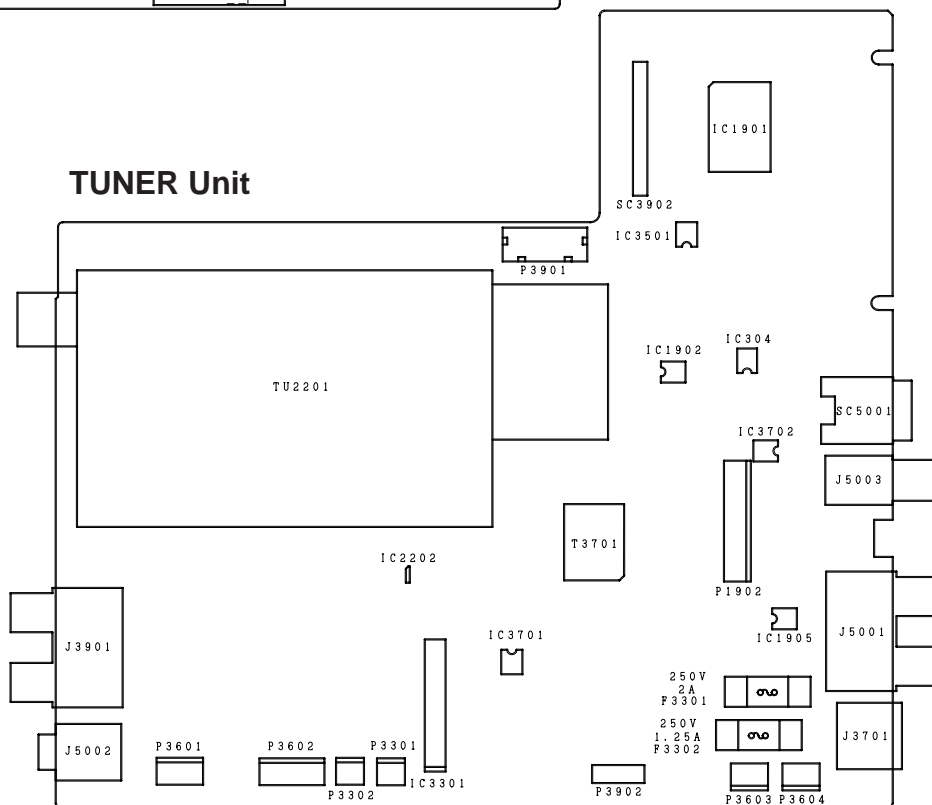
OPERATION Unit



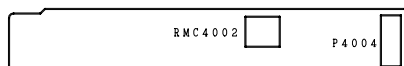
MAIN Unit



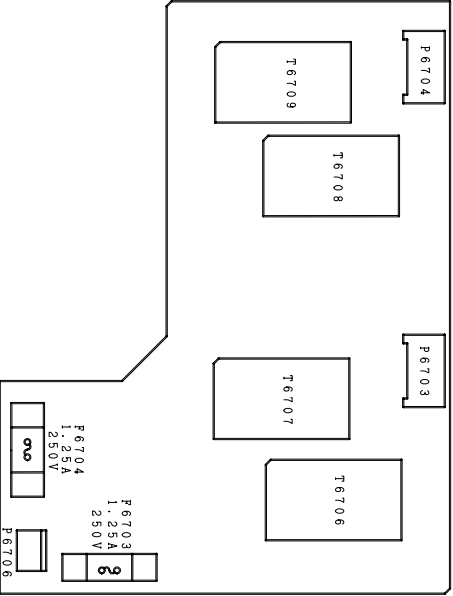
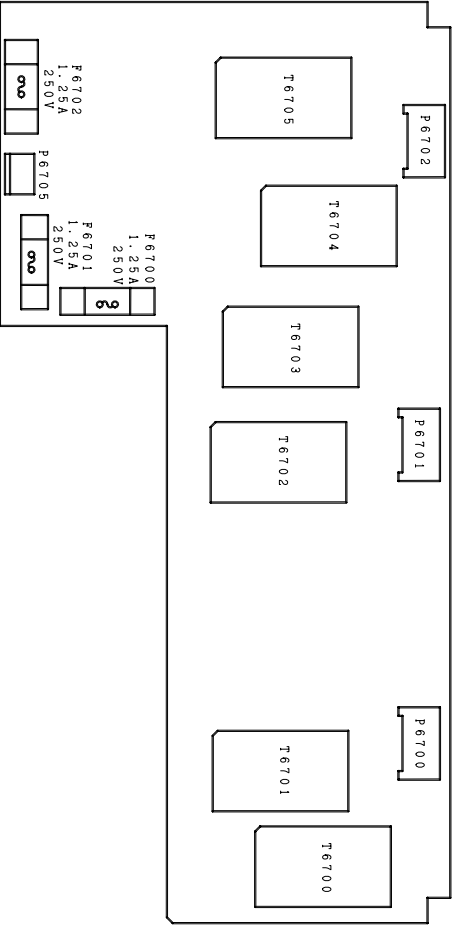
TUNER Unit



R/C, LED Unit

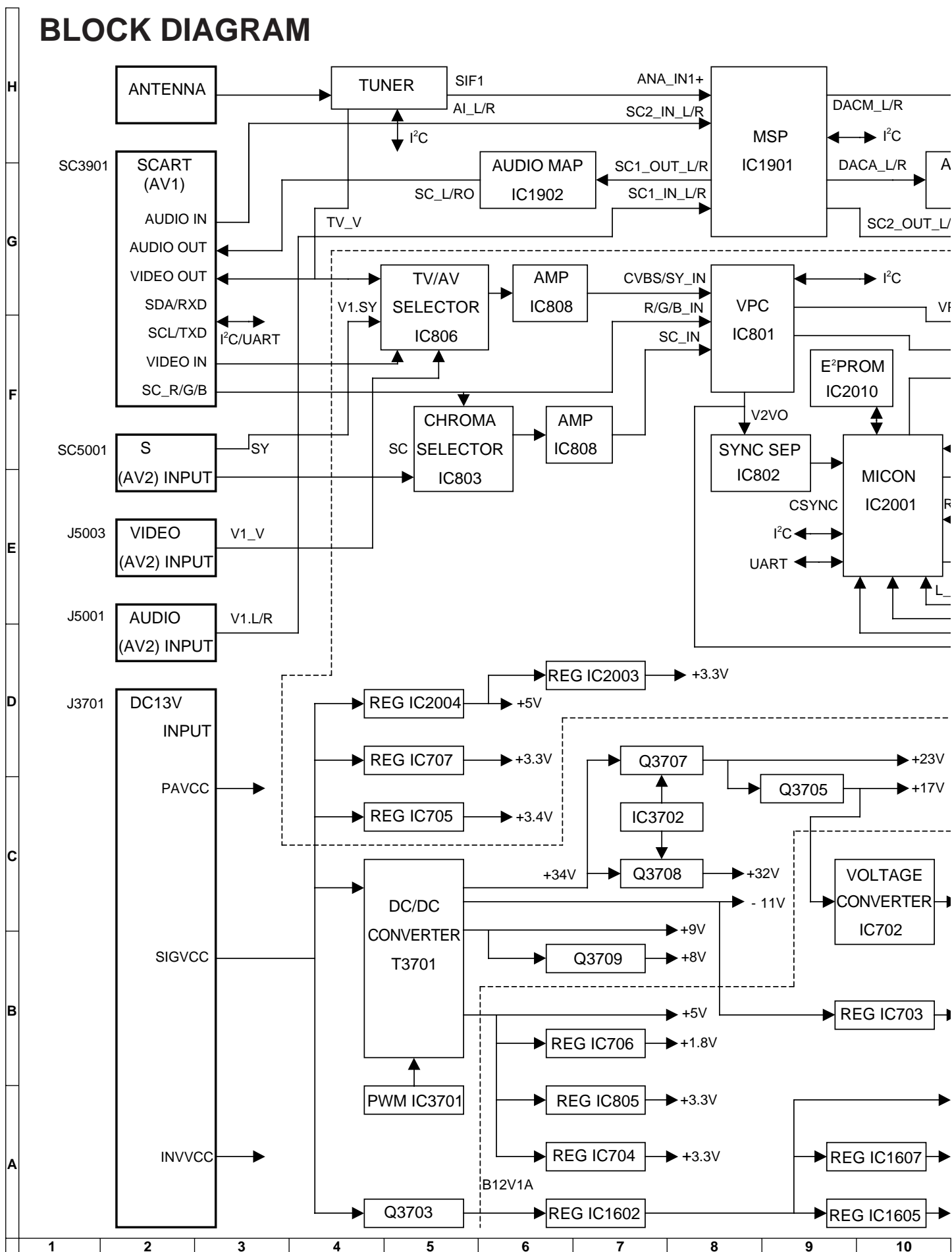


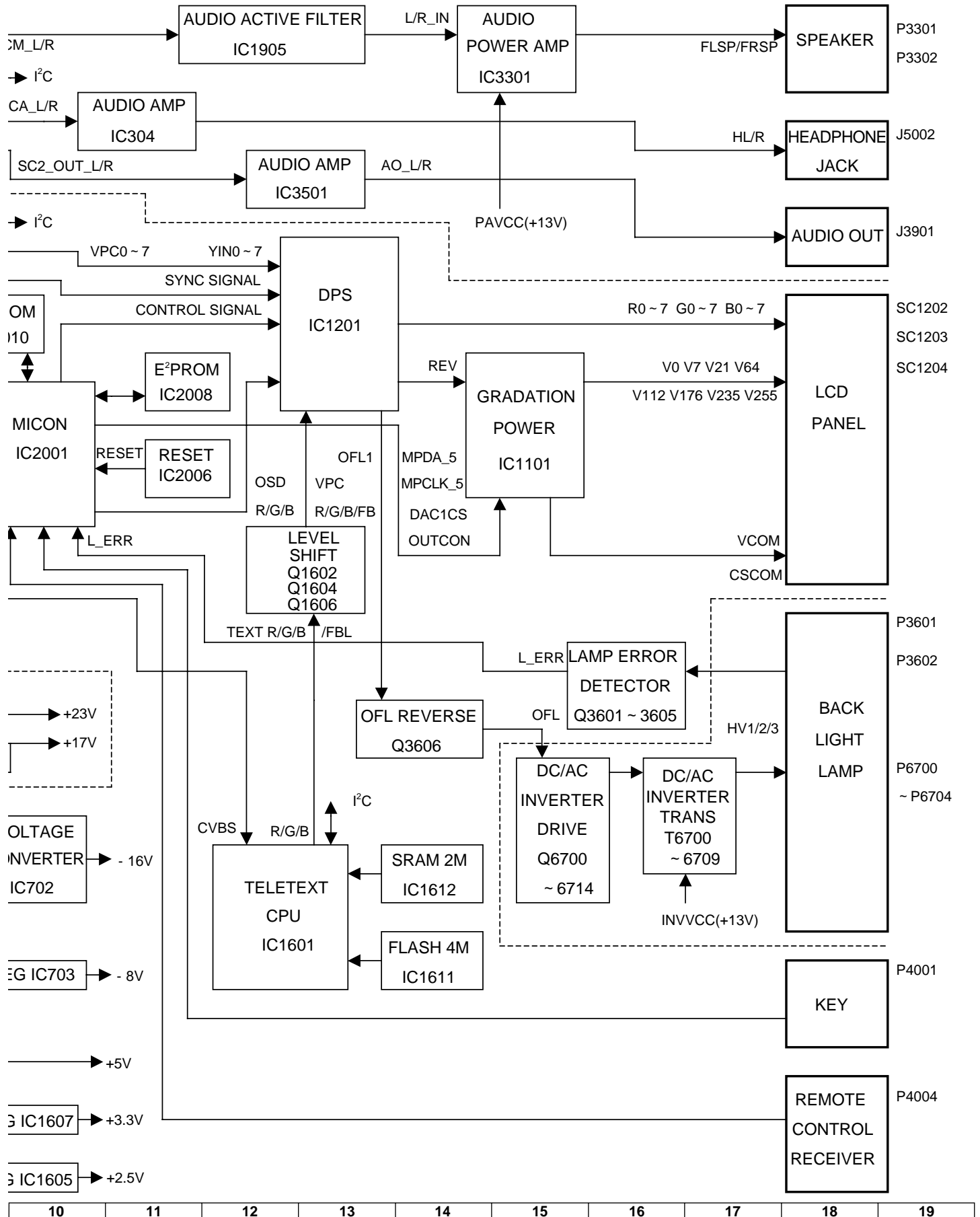
INVERTER-A Unit



INVERTER-B Unit

BLOCK DIAGRAM







DESCRIPTION OF SCHEMATIC DIAGRAM

VOLTAGE MEASUREMENT CONDITION:

1. The voltages at test points are measured on exclusive AC adaptor and the stable supply voltage of AC 120V. Signals are fed by a color bar signal generator for servicing purpose and the above voltages are measured with a 20k ohm/V tester.

INDICATION OF RESISTOR & CAPACITOR:

RESISTOR

1. The unit of resistance “ Ω ” is omitted.
(K=k Ω =1000 Ω , M=M Ω).
2. All resistors are $\pm 5\%$, unless otherwise noted.
(J= $\pm 5\%$, F= $\pm 1\%$, D= $\pm 0.5\%$)
3. All resistors are 1/16W, unless otherwise noted.
4. All resistors are Carbon type, unless otherwise noted.

©: Solid Ⓜ: Cement
 Ⓢ: Oxide Film Ⓣ: Special
 Ⓝ: Metal Coating



CAPACITOR

1. All capacitors are μF , unless otherwise noted.
(P=pF= $\mu\mu\text{F}$).
2. All capacitors are 50V, unless otherwise noted.
3. All capacitors are Ceramic type, unless otherwise noted.
(ML): Mylar (TA): Tantalum
(PF): Polypro Film (ST): Styrol

CAUTION:

This circuit diagram is original one, therefore there may be a slight difference from yours.

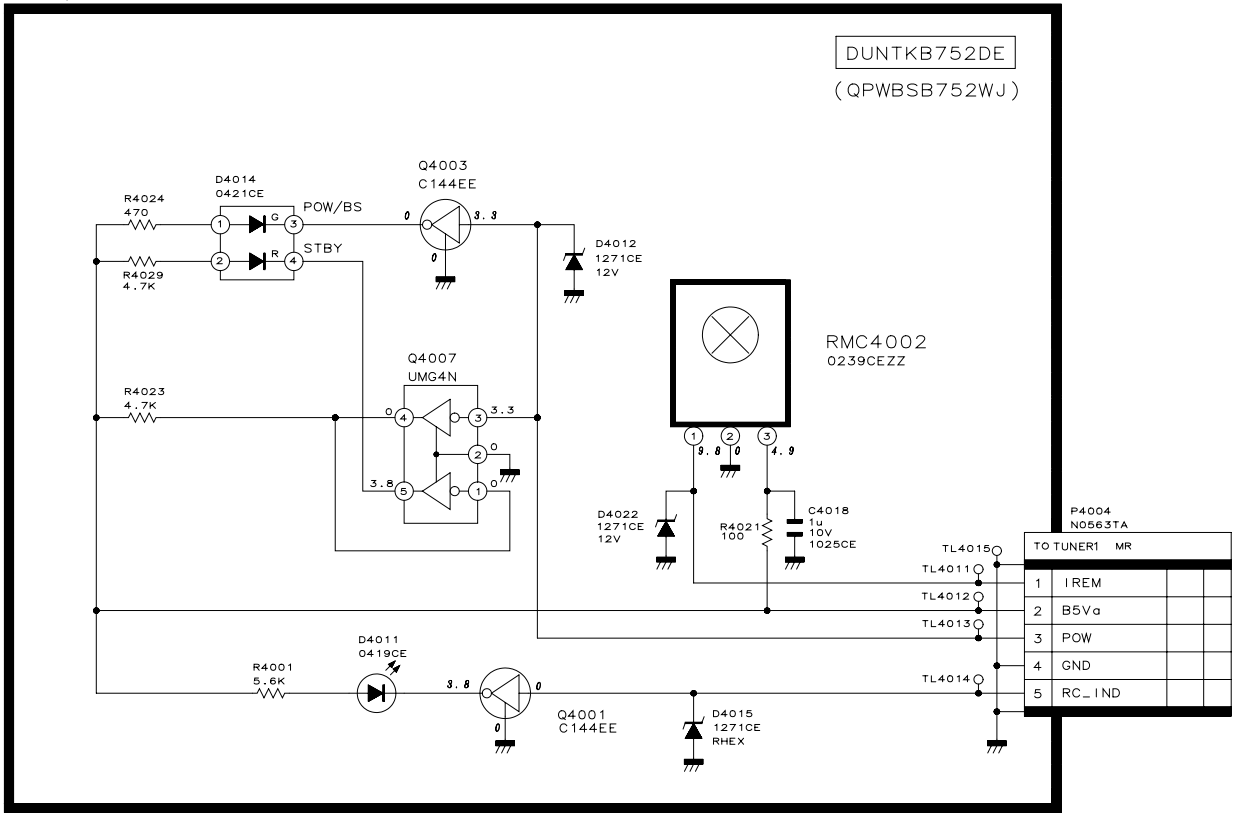
IMPORTANT SAFETY NOTICE:

PARTS MARKED WITH “” () ARE IMPORTANT FOR MAINTAINING THE SAFETY OF THE SET. BE SURE TO REPLACE THESE PARTS WITH SPECIFIED ONES FOR MAINTAINING THE SAFETY AND PERFORMANCE OF THE SET.

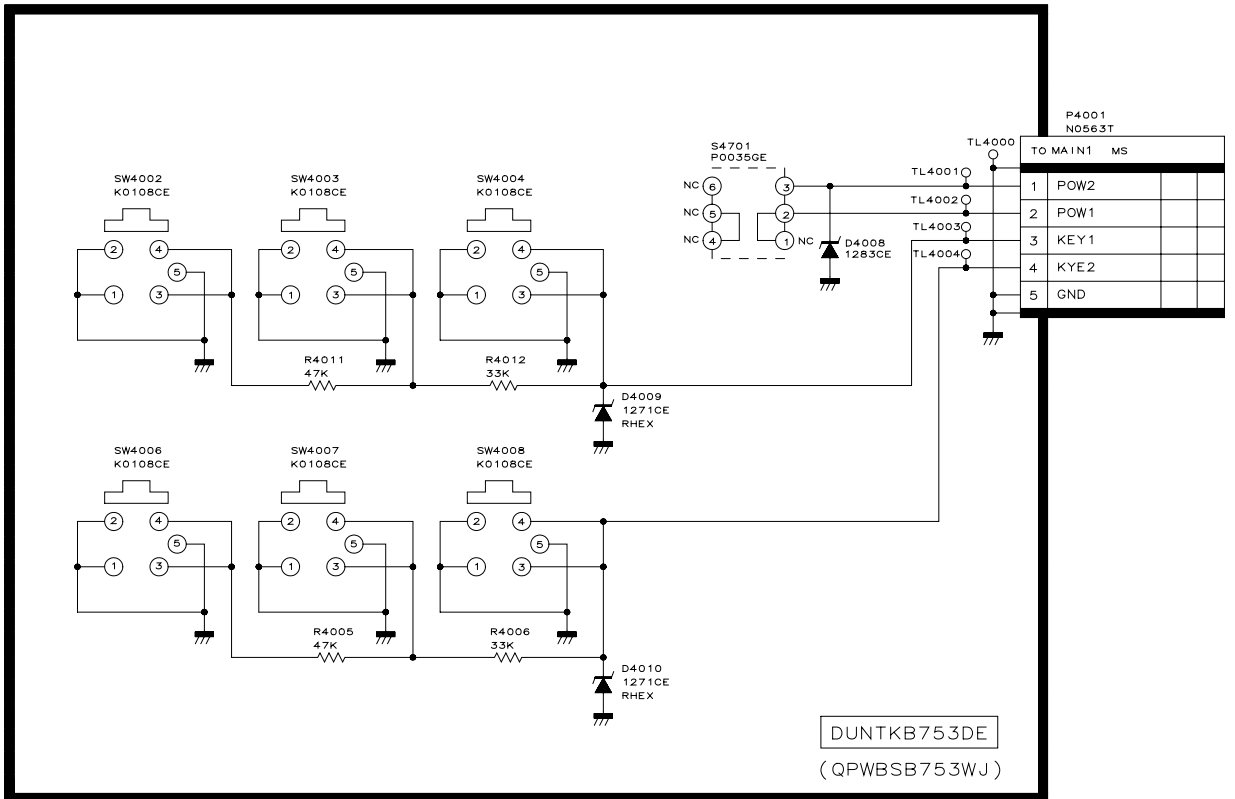
SCHEMATIC DIAGRAM

R/C, LED and OPERATION Unit

R/C,LED



OPERATION



1

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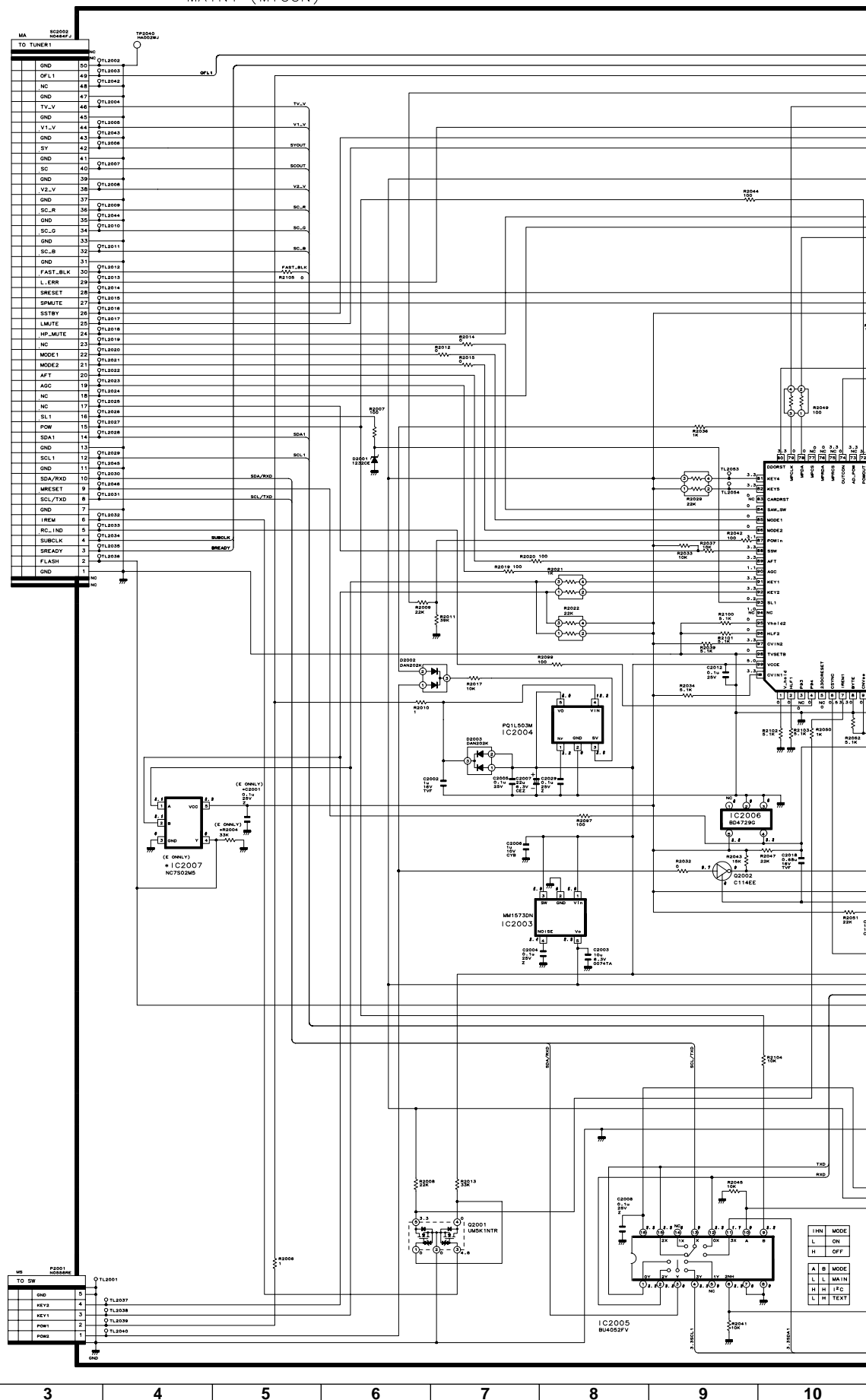
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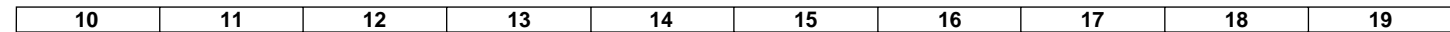
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■ MAIN Unit-1/7

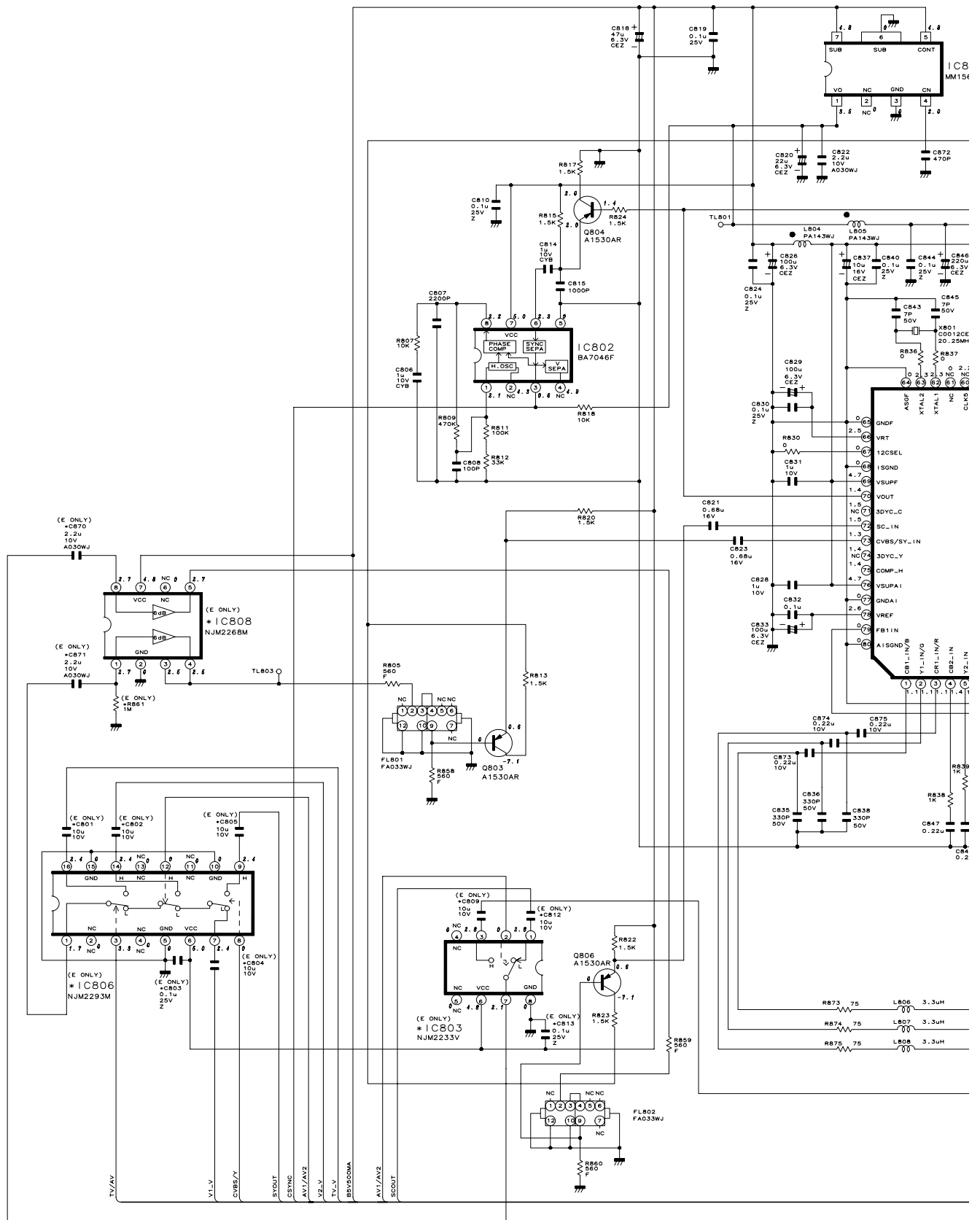
MAIN1 (MICON)

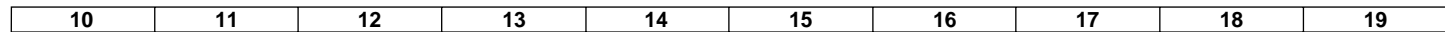




MAIN Unit-2/7

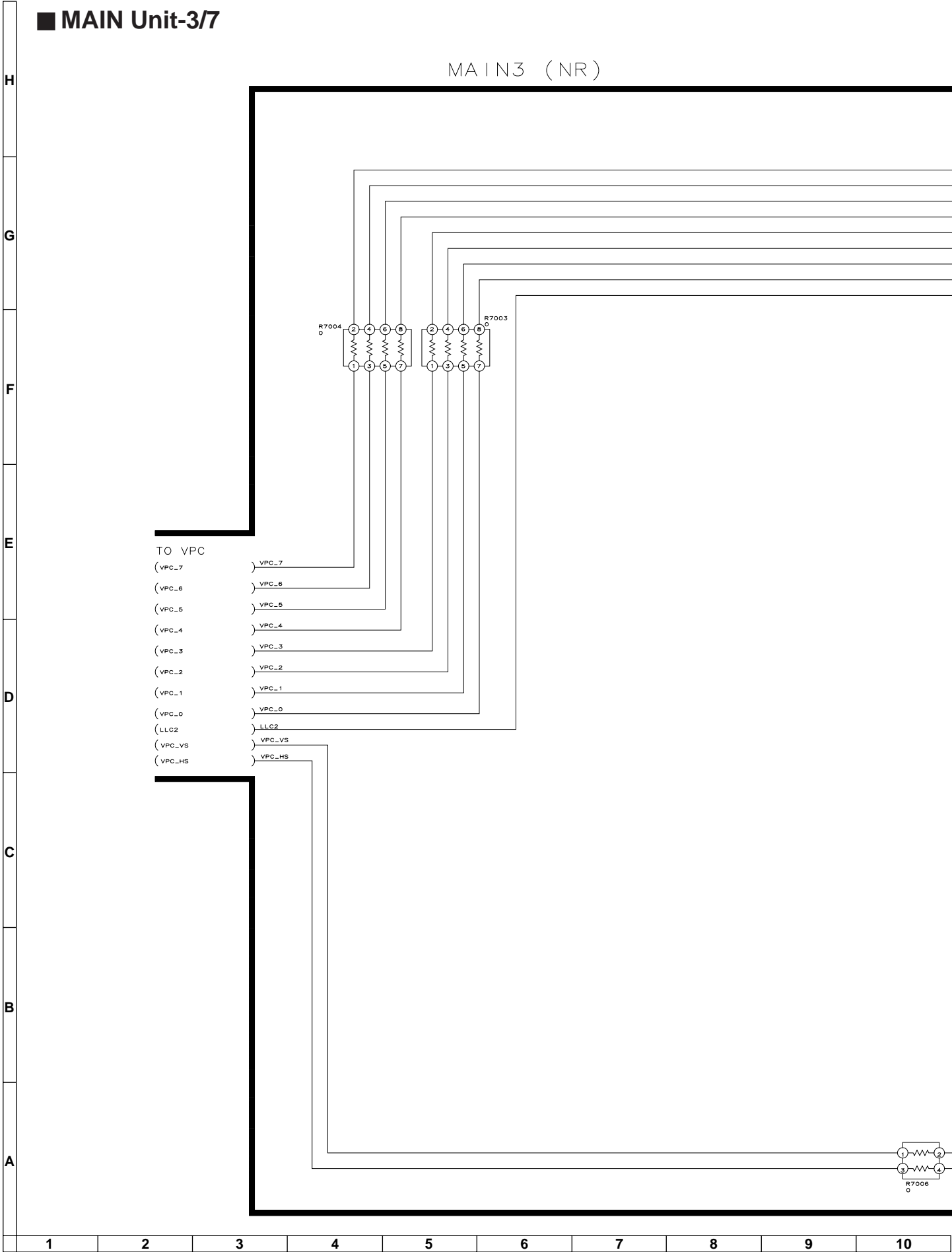
MAIN2 (VPC)





■ MAIN Unit-3/7

MAIN3 (NR)



DUNTKB750DE

(QPWBXB750WJ)

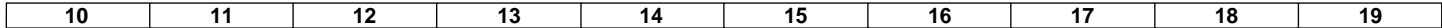
TO DPS

- NR_Y7 (NR_Y7)
- NR_Y6 (NR_Y6)
- NR_Y5 (NR_Y5)
- NR_Y4 (NR_Y4)
- NR_Y3 (NR_Y3)
- NR_Y2 (NR_Y2)
- NR_Y1 (NR_Y1)
- NR_Y0 (NR_Y0)
- LLC2 (LLC2)
- OVS (OVS)
- OHS (OHS)

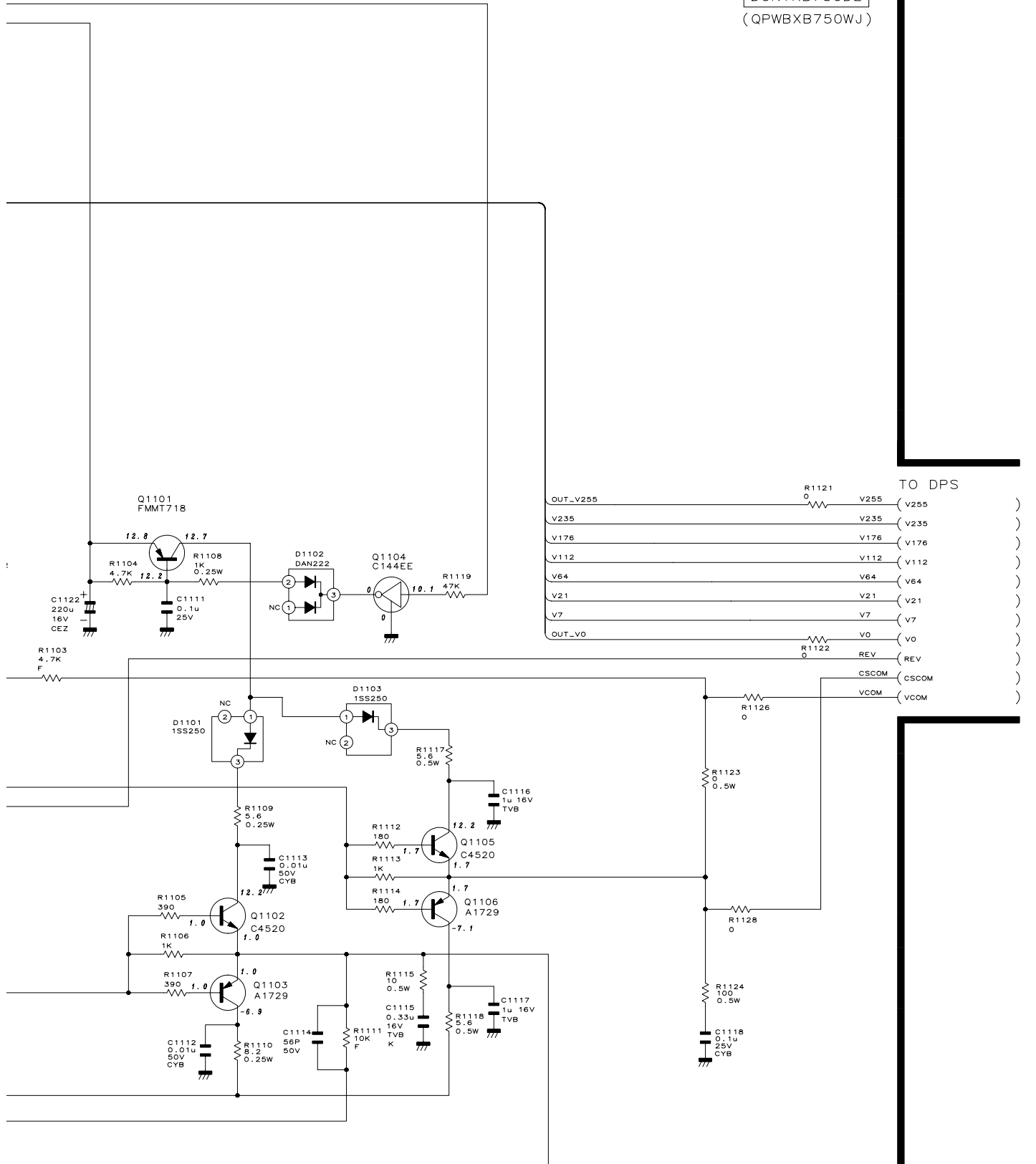


MAIN4 (DPS)





DUNTKB750DE
(QPWBXB750WJ)



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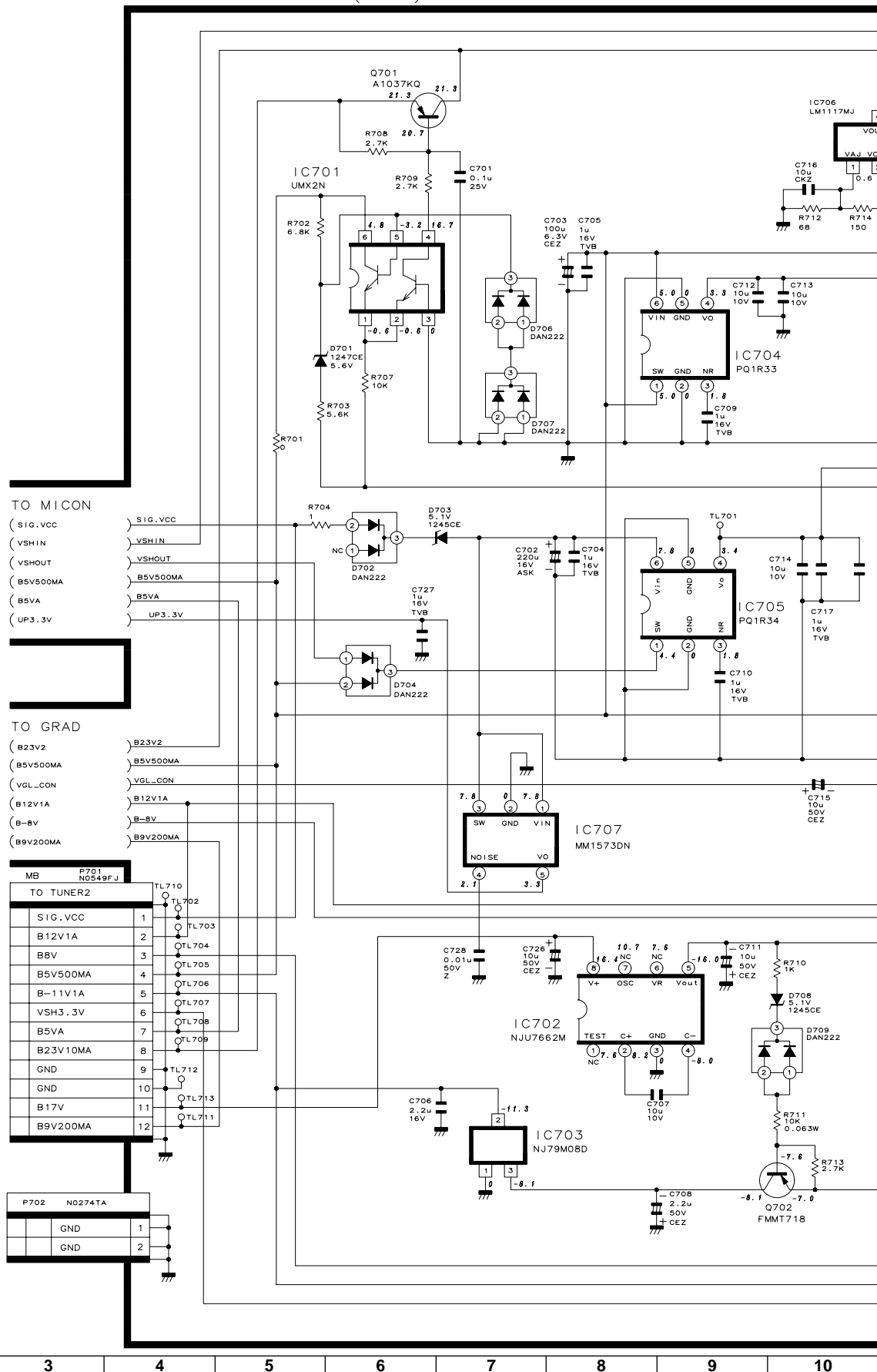
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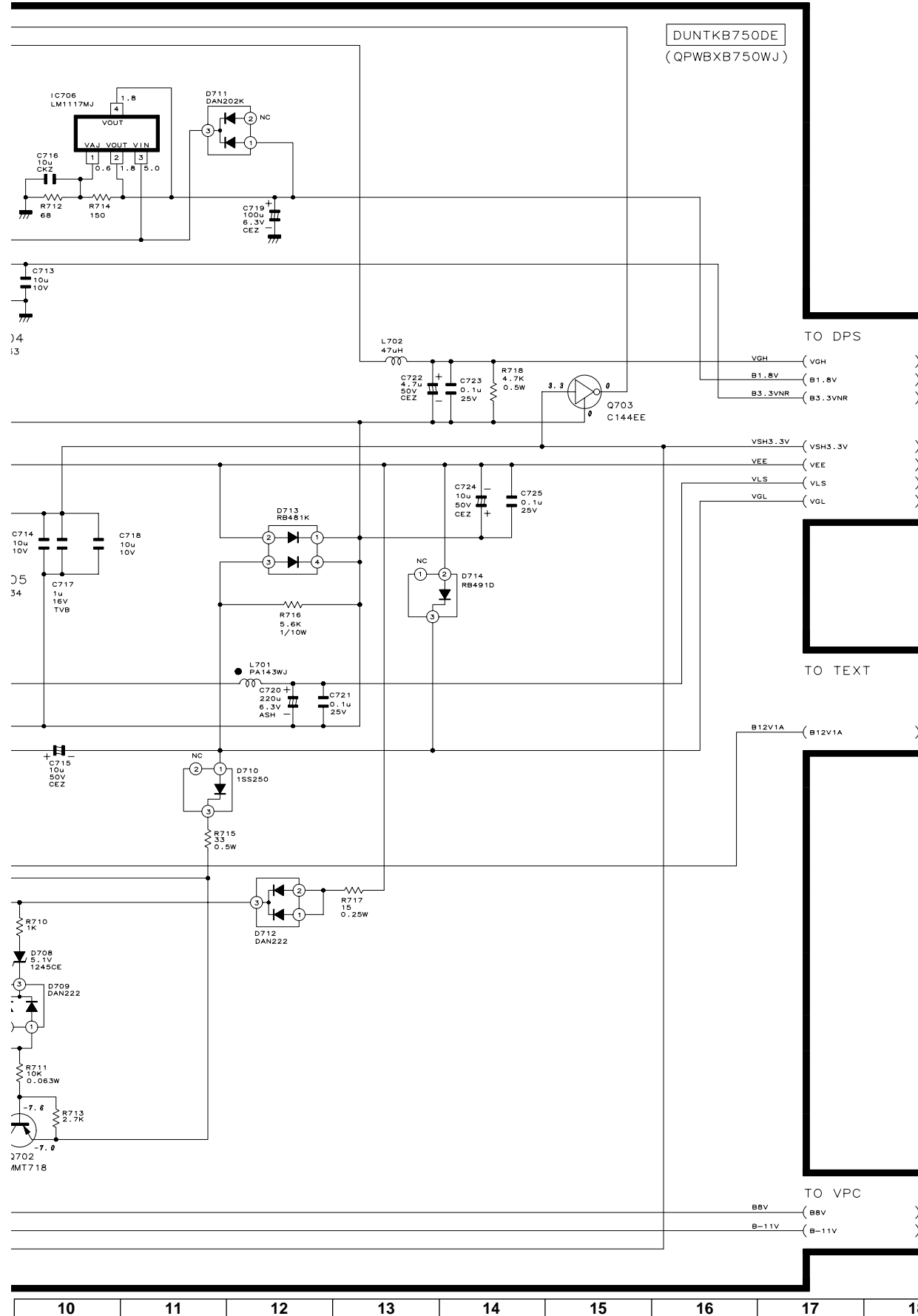
18

19

MAIN Unit-6/7

MAIN6 (REG)





MAIN Unit-7/7

MAIN7 (TEXT)

H

G

F

E

D

C

B

A

TO REG

(SVR)

(B12V1A)

TO VPC

(VPC-VS)

(VSV0)

(TX_R)

(TX_G)

(TX_B)

(TX_FB)

TO DPS

(TEXT_H)

TO MICON

(UP0)

(UP1)

(RESET1)

(RX_TX)

(TX_RX)

(MIXDET)

(SH_ON)

(TEXT_ON)

(UP0)

(UP1)

(RESET1)

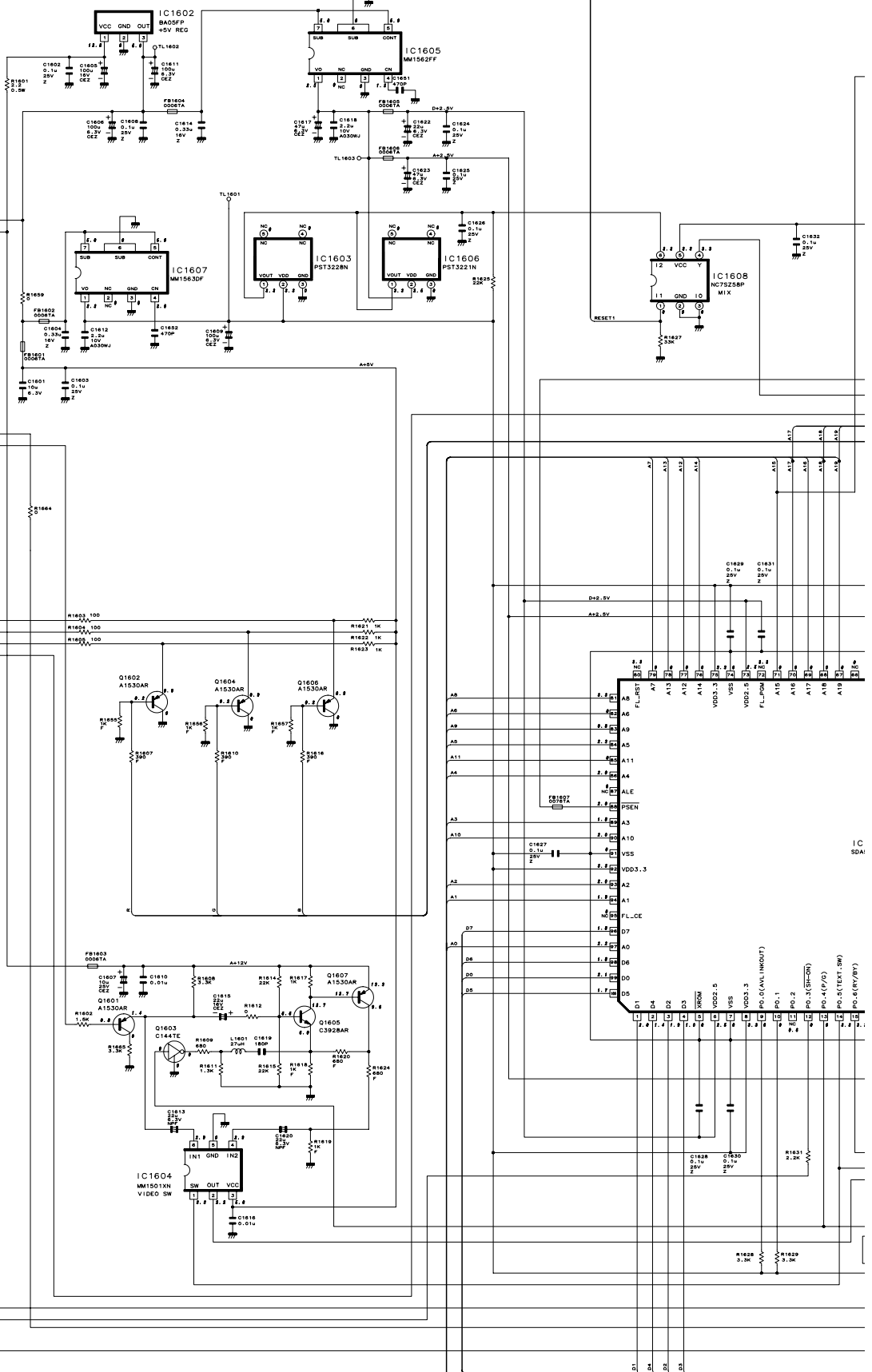
(RX_TX)

(TX_RX)

(MIXDET)

(SH_ON)

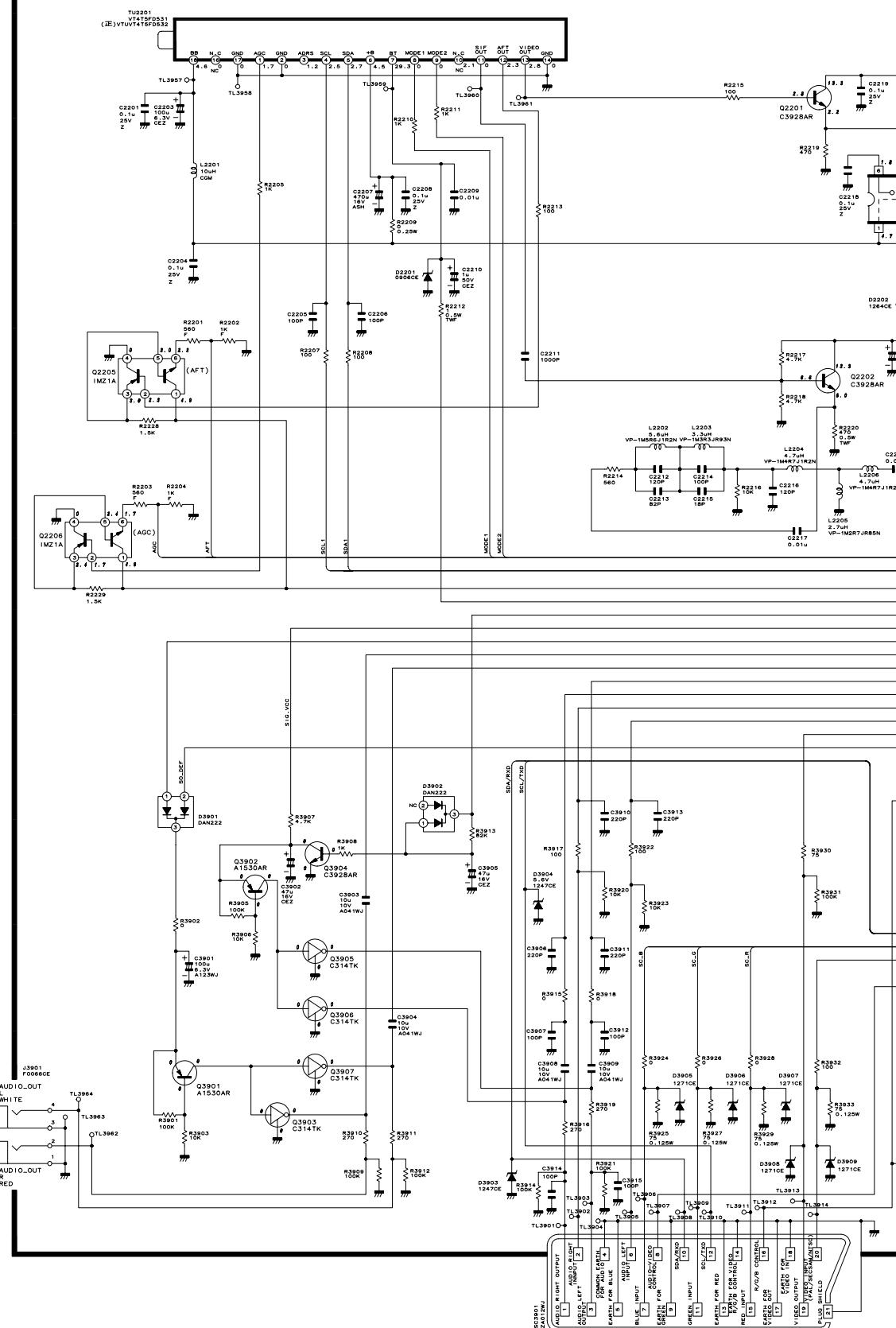
(TEXT_ON)

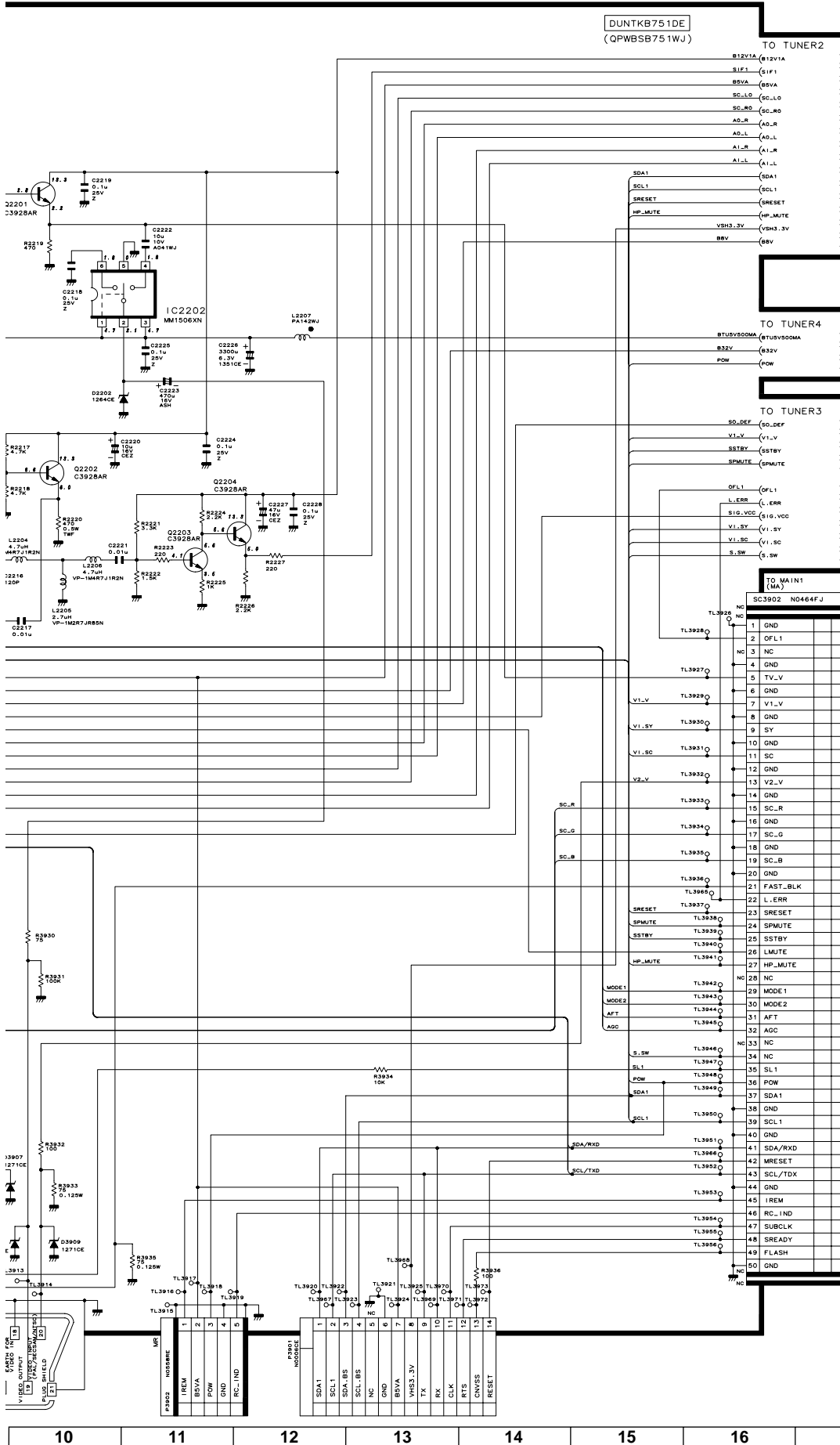


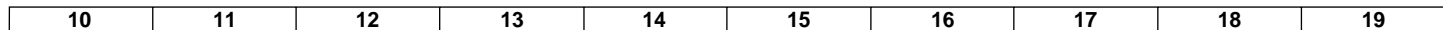


■ TUNER Unit-1/4

TUNER 1







H

G

F

E

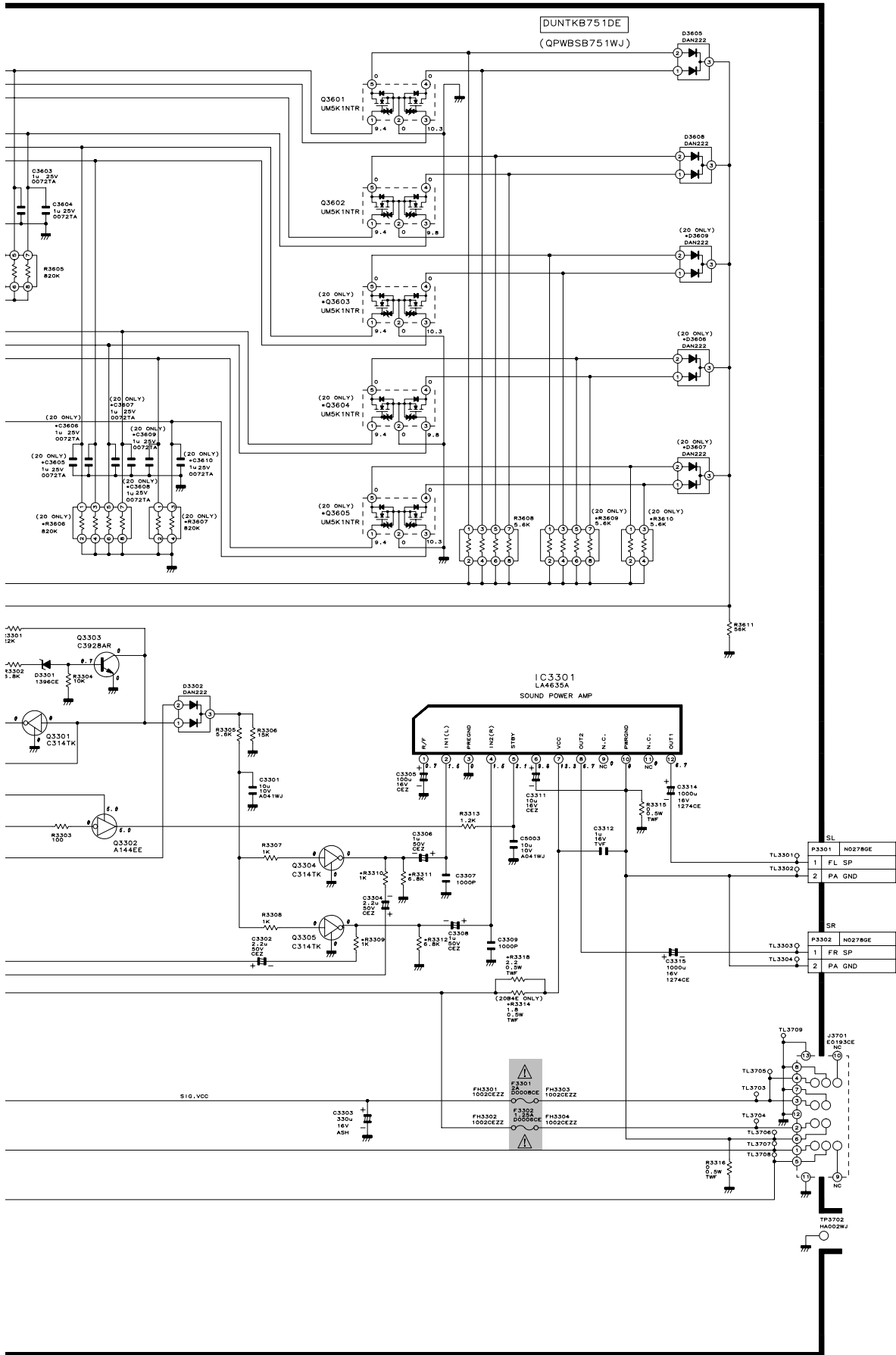
D

C

B

A

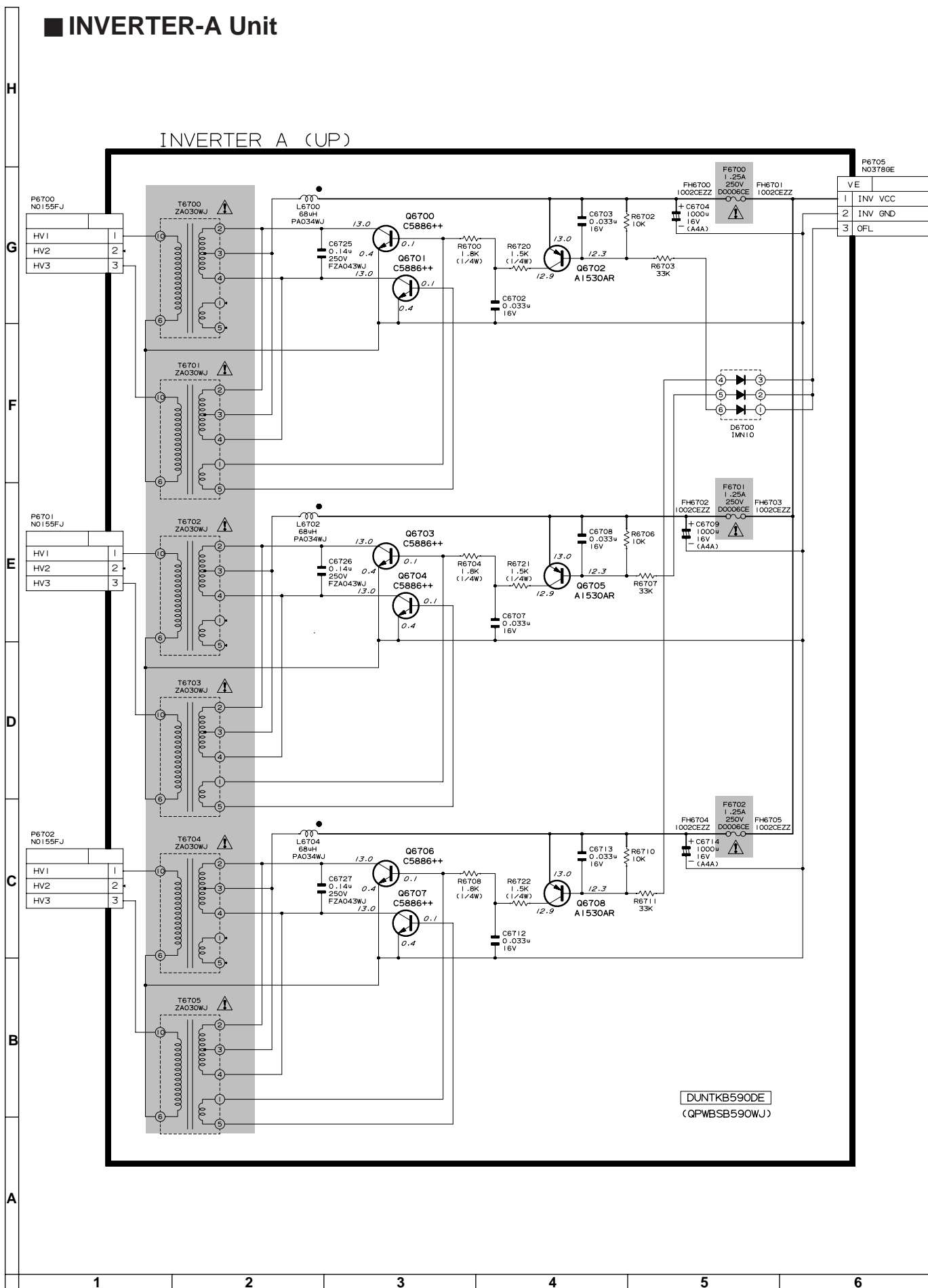




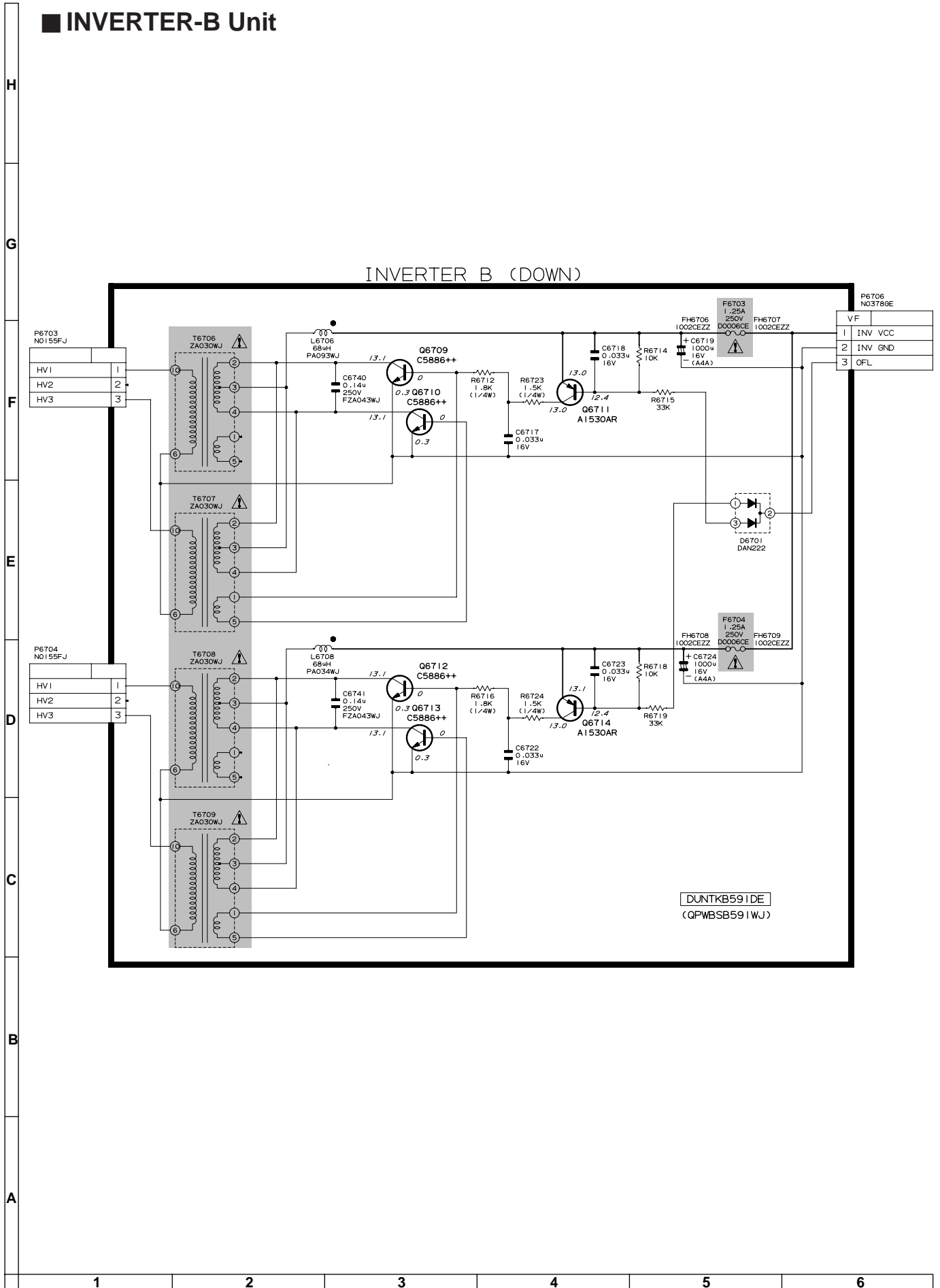
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INVERTER-A Unit



INVERTER-B Unit

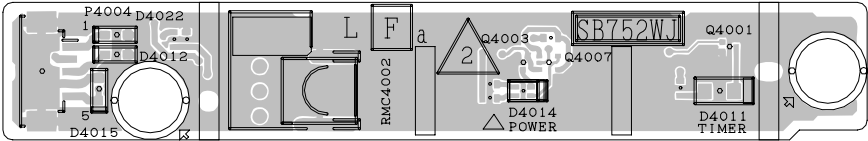


MAIN Unit (Side-A)

	1	2	3	4	5	6
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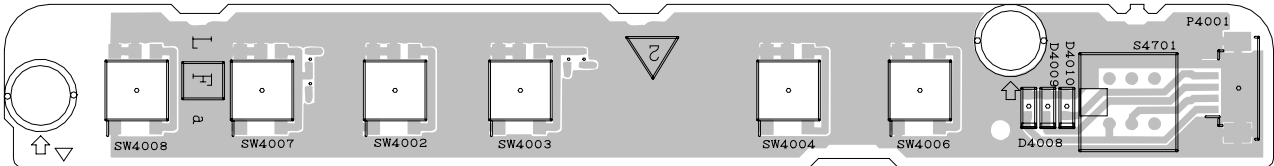
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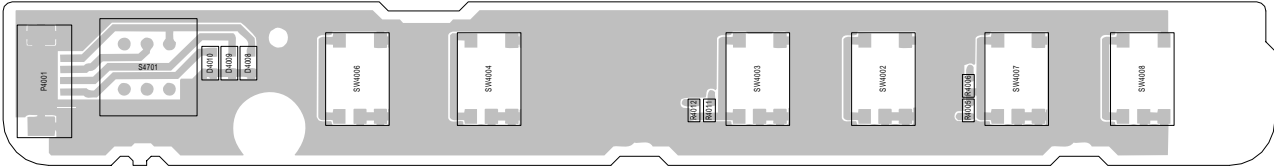
R/C, LED Unit (Side-A)



R/C, LED Unit (Chip Parts Side-A)



OPERATION Unit (Side-A)
(QPWBSB753WJN2)



OPERATION Unit (Chip Parts Side-A)
(QPWBSB753WJN2)



10	11	12	13	14	15	16	17	18	19
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H

G

F

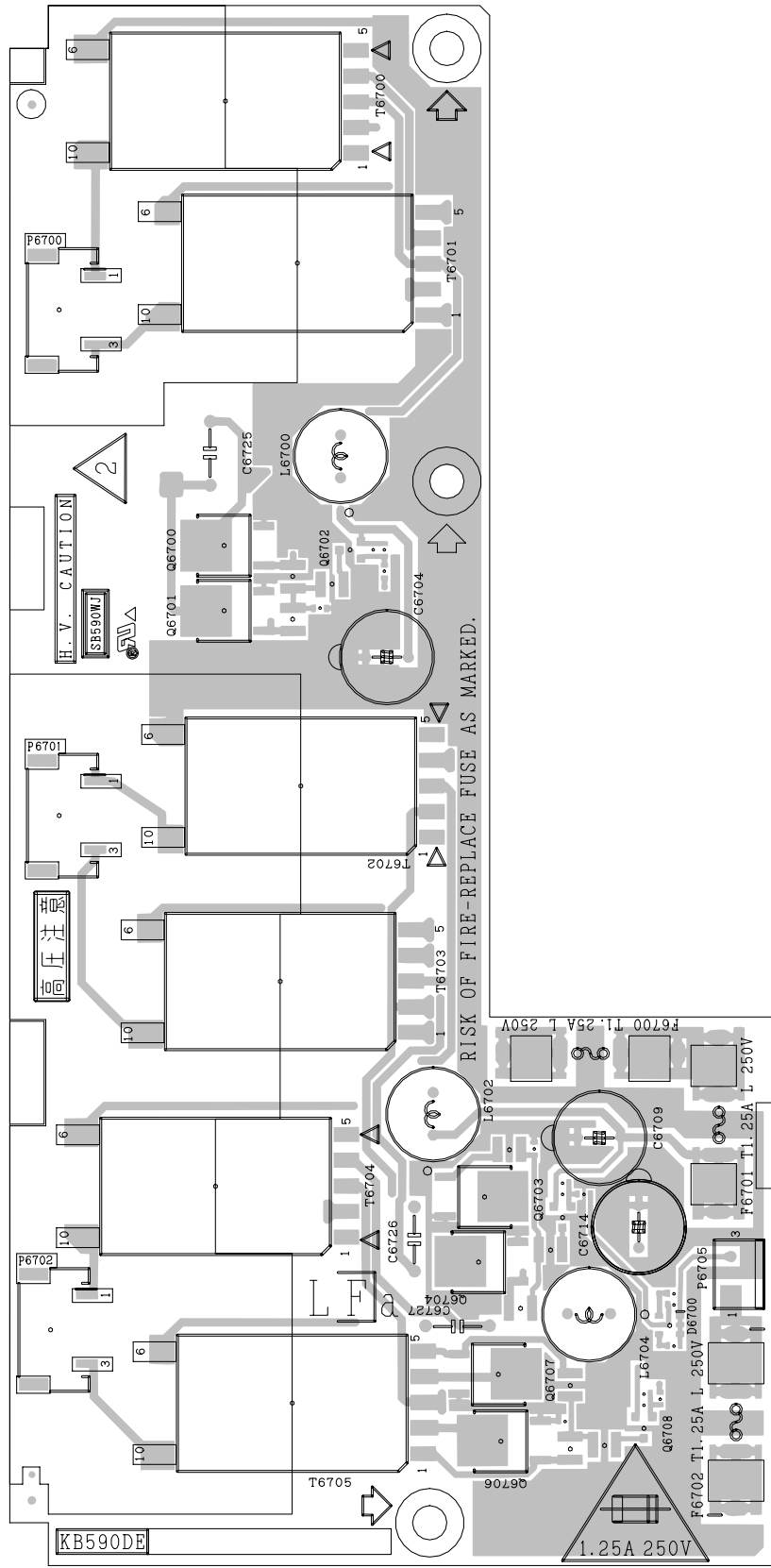
E

D

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A



INVERTER-A Unit (Side-A)

1

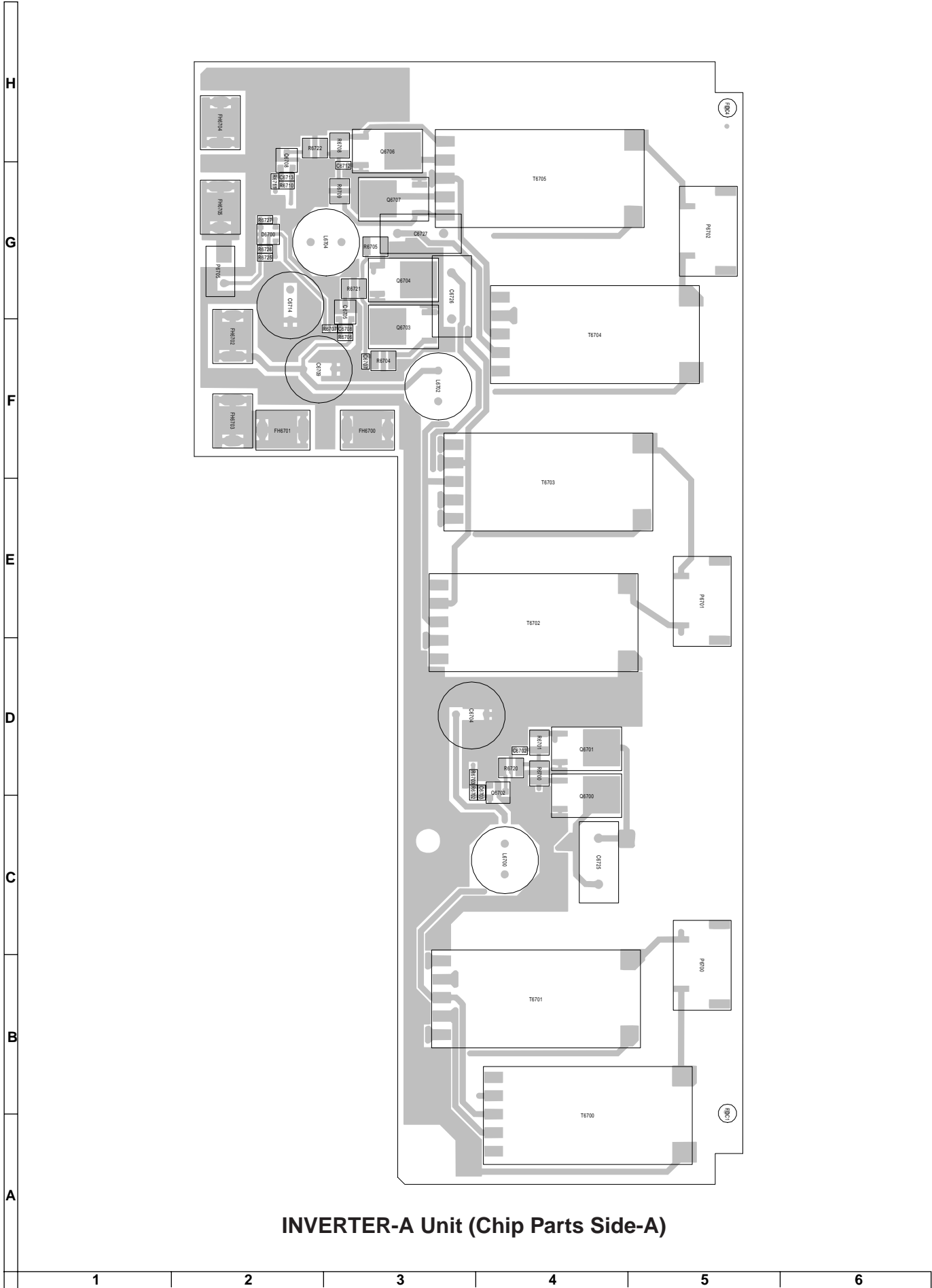
2

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H

G

F

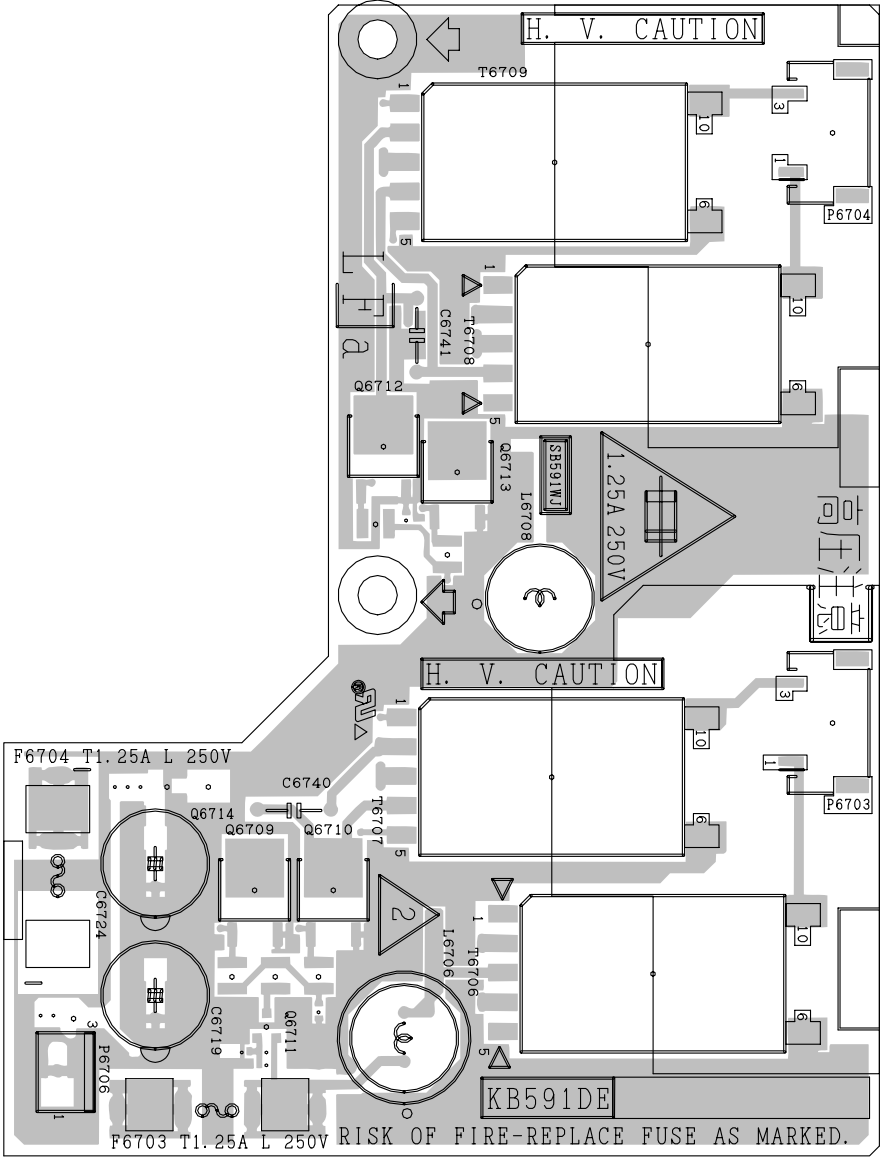
E

D

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B

A



INVERTER-B Unit (Side-A)

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PARTS LIST

PARTS REPLACEMENT

Replacement parts which have these special safety characteristics identified in this manual; electrical components having such features are identified by  and shaded areas in the Replacement Parts Lists and Schematic Diagrams. The use of a substitute replacement part which does not have the same safety characteristic as the factory recommended replacement parts shown in this service manual may create shock, fire or other hazards.

"HOW TO ORDER REPLACEMENT PARTS"

To have your order filled promptly and correctly, please furnish the following informations.

- | | |
|-----------------|----------------|
| 1. MODEL NUMBER | 2. REF. NO. |
| 3. PART NO. | 4. DESCRIPTION |

★ MARK: SPARE PARTS-DELIVERY SECTION

Ref. No.	Part No.	★	Description	Code
----------	----------	---	-------------	------

PRINTED WIRING BOARD ASSEMBLIES

(NOT REPLACEMENT ITEM)

DUNTKB750FE03	—	MAIN Unit	—
DUNTKB751DE03	—	TUNER Unit	—
DUNTKB752DE03	—	R/C,LED Unit	—
DUNTKB753DE03	—	OPERATION Unit	—
DUNTKB590DE02	—	INVERTER-A Unit	—
DUNTKB591DE02	—	INVERTER-B Unit	—

LCD PANEL

NOTE: THE PARTS HERE SHOWN ARE SUPPLIED AS AN ASSEMBLY BUT NOT INDEPENDENTLY.

RLCDA014WJN1	J	20" LCD Panel Unit	DM
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DUNTKB750FE03

MAIN UNIT

INTEGRATED CIRCUITS

IC701	VSUMX2N++++-1Y	J	UMX2N++++	AB
IC702	VHiNJU7662M-1Y	J	NJU7662M(TE2)	AK
IC703	VHiNJ79M08D-1Y	J	NJM79M08DL1A	AE
IC704	VHiPQ1R33/-1Y	J	PQ1R33	AE
IC705	VHiPQ1R34+-1Y	J	PQ1R34	AE
IC706	VHiLM1117MJ-1Y	J	LM1117MPX-ADJ	AF
IC707	VHiMM1573DN-1Y	J	MM1573DNRE	AB
IC801	VHiVPC3230D1EQ	J	VPC3230D-QA-B3	BD
IC802	VHiBA7046F/-1Y	J	BA7046F	AF
IC803	VHiNJM2233V-1Y	J	NJM2233V	AE
IC805	VHiMM1563DF-1Y	J	MM1563DFBE	AC
IC806	VHiNJM2293M-1Y	J	NJM2293M(TE1)	AG
IC808	VHiNJM2268M-1Y	J	NJM2268M-TE1	AF
IC1101	VHiBD8120FP-1Y	J	BD8120FP	AX
IC1201	VHiDPS9450+-1Q	J	DPS9450A-XZ-A1	BB
IC1202	VHiTC4W66U/-1Y	J	TC4W66FU	AE
IC1601	VHiSDA5550M-1Q	J	SDA5550M	AZ
IC1602	VHiBA05FP+-1Y	J	BA05FP-E2	AF
IC1603	VHiPST3228N1EY	J	PST3228NR	AD
IC1604	VHiMM1501XN-1Y	J	MM1501XNRE	AE

Ref. No.	Part No.	★	Description	Code
IC1605	VHiMM1562FF-1Y	J	MM1562FFBE	AC
IC1606	VHiPST3221N1EY	J	PST3221NR	AD
IC1607	VHiMM1563DF-1Y	J	MM1563DFBE	AC
IC1608	VHiNC7SZ58P-1Y	J	NC7SZ58P6X	AE
IC1609	VHiTC7SZ08U-1Y	J	TC7SZ08FU	AE
IC1610	VHiLCX157MT-1Y	J	74LCX157MTCX	AD
IC1611	RH-iXA388WJZZQ	J	MBM29DL400TC90	AY
IC1612	VHi62S8308X-1Q	J	A62S8308X-70SI	AY
IC1614	VHiVHC08MTC1EY	J	74VHC08MTCX	AC
IC1615	VHi74LVX86M-1Y	J	74LVX86MTCX	AC
IC2001	RH-iXA522WJZZQ	J	M306V3MG-102FP	AZ
IC2003	VHiMM1573DN-1Y	J	MM1573DNRE	AB
IC2004	VHiPQ1L503M-1Y	J	PQ1L503M2SP	AD
IC2005	VHiBU4052FV-1Y	J	BU4052BCFV-E2	AE
IC2006	VHiBD4729G+-1Y	J	BD4729G-TR	AD
IC2007	VHiNC7S02M5-1Y	J	I.C.	AB
IC2008	VHiBR24C32F-1Y	J	BR24C32F-E2	AH
IC2009	VHiTC4W66U/-1Y	J	TC4W66FU	AE
IC2010	VHiBR2416E2-1Y	J	BR24C16F	AK
IC2011	VHiTC4W66U/-1Y	J	TC4W66FU	AE

TRANSISTORS

Q701	VS2SA1037KQ-1Y	J	2SA1037KQ	AA
Q702	VSFMMT718/-1Y	J	FMMT718	AE
Q703	VSDTC144EE/-1Y	J	DTC144EE	AA
Q803	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q804	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q806	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q1101	VSFMMT718/-1Y	J	FMMT718	AE
Q1102	VS2SC4520/-1Y	J	2SC4520	AE
Q1103	VS2SA1729/-1Y	J	2SA1729	AF
Q1104	VSDTC144EE/-1Y	J	DTC144EE	AA
Q1105	VS2SC4520/-1Y	J	2SC4520	AE
Q1106	VS2SA1729/-1Y	J	2SA1729	AF
Q1204	VSDTC144EE/-1Y	J	DTC144EE	AA
Q1601	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q1602	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q1603	VSDTC144TE/-1Y	J	DTC144EE	AB
Q1604	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q1605	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1606	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q1607	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q2001	VSUM5K1NTR+-1Y	J	UM5K1NTR+	AC
Q2002	VSDTC114EE/-1Y	J	DTC114EE	AB
Q2003	VSUPA606T/-1Y	J	UPA606T	AD
Q2005	VSUPA606T/-1Y	J	UPA606T	AD
Q2006	VSDTC114EE/-1Y	J	DTC114EE	AB
Q2007	VSUPA606T/-1Y	J	UPA606T	AD

DIODES

D701	RH-EX1247CEZZY	J	Zener Diode, 5.6V	AB
D702	VHDDAN222/-1Y	J	Diode	AA
D703	RH-EX1245CEZZY	J	Zener Diode, 5.1V	AB
D704	VHDDAN222/-1Y	J	Diode	AA
D706	VHDDAN222/-1Y	J	Diode	AA
D707	VHDDAN222/-1Y	J	Diode	AA
D708	RH-EX1245CEZZY	J	Zener Diode, 5.1V	AB
D709	VHDDAN222/-1Y	J	Diode	AA
D710	VHD1SS250//1EY	J	Diode	AB
D711	VHDDAN202K/-1Y	J	Diode	AB
D712	VHDDAN222/-1Y	J	Diode	AA
D713	VHDBR481K+-1Y	J	Diode	AD
D714	VHDBR491D+-1Y	J	Diode	AD
D1101	VHD1SS250//1EY	J	Diode	AB
D1102	VHDDAN222/-1Y	J	Diode	AA
D1103	VHD1SS250//1EY	J	Diode	AB
D1104	VHD1SS250//1EY	J	Diode	AB
D2001	RH-EX1232CEZZY	J	Zener Diode	AB
D2002	VHDDAN202K/-1Y	J	Diode	AB
D2003	VHDDAN202K/-1Y	J	Diode	AB

PACKAGED CIRCUITS

X801	RCRSC0012CEZZY	J	Crystal	AH
X1201	RCRSC0012CEZZY	J	Crystal	AH
X1601	RCRSCA002WJZZY	J	Crystal	AG

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
DUNTKB750FE03									
MAIN UNIT (Continued)									
FILTER AND COILS									
X2001	RFILZ0169TAZZY	J	Filter	AD	C831	RC-KZ1025CEZZY	J 1	10V Ceramic	AB
FL801	RCiLFA033WJZZY	J	Coil	AG	C832	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
FL802	RCiLFA033WJZZY	J	Coil	AG	C833	RC-EZA123WJZZY	J 100	6.3V Electrolytic	AA
L701	RCiLPA143WJZZY	J	Coil	AC	C835	VCKYCY1HB331KY	J 330p	50V Ceramic	AA
L702	VP-1M470J5R4NY	J	Peaking 47μH	AC	C836	VCKYCY1HB331KY	J 330p	50V Ceramic	AA
L804	RCiLPA143WJZZY	J	Coil	AC	C837	RC-EZA124WJZZY	J 10	16V Electrolytic	AA
L805	RCiLPA143WJZZY	J	Coil	AC	C838	VCKYCY1HB331KY	J 330p	50V Ceramic	AA
L806	VP-9N3R3KR46NY	J	Peaking 3.3μH	AC	C840	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
L807	VP-9N3R3KR46NY	J	Peaking 3.3μH	AC	C843	VCCCCY1HH7R0DY	J 7p	50V Ceramic	AA
L808	VP-9N3R3KR46NY	J	Peaking 3.3μH	AC	C844	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
L1204	VPCGM220M0R5NY	J	Peaking 22μH	AA	C845	VCCCCY1HH7R0DY	J 7p	50V Ceramic	AA
L1205	VPCGM220M0R5NY	J	Peaking 22μH	AA	C846	RC-EZA134WJZZY	J 220	6.3V Electrolytic	AC
L1206	VPCGM220M0R5NY	J	Peaking 22μH	AA	C847	VCKYCY1CF224ZY	J 0.22	16V Ceramic	AB
L1207	VPCGM220M0R5NY	J	Peaking 22μH	AA	C848	VCKYCY1CF224ZY	J 0.22	16V Ceramic	AB
L1601	VP-1M270J3R8NY	J	Peaking 27μH	AC	C849	VCKYCY1CF224ZY	J 0.22	16V Ceramic	AB
CAPACITORS					C850	RC-KZ0117TAZZY	J 4.7	6.3V Ceramic	AD
C701	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA	C851	RC-KZ1025CEZZY	J 1	10V Ceramic	AB
C702	RC-EZA127WJZZY	J 100	16V Electrolytic	AB	C852	RC-KZ1025CEZZY	J 1	10V Ceramic	AB
C703	RC-EZA123WJZZY	J 100	6.3V Electrolytic	AA	C853	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
C704	VCKYTV1CB105KY	J 1	16V Ceramic	AC	C854	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
C705	VCKYTV1CB105KY	J 1	16V Ceramic	AC	C855	RC-KZ1025CEZZY	J 1	10V Ceramic	AB
C706	RC-KZ0075TAZZY	J 2.2	16V Ceramic	AC	C856	RC-KZ1025CEZZY	J 1	10V Ceramic	AB
C707	RC-KZA041WJZZY	J 10	10V Ceramic	AC	C857	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
C708	RC-EZA129WJZZY	J 2.2	50V Electrolytic	AA	C863	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
C709	VCKYTV1CB105KY	J 1	16V Ceramic	AC	C867	VCKYCY1EB473KY	J 0.047	25V Ceramic	AA
C710	VCKYTV1CB105KY	J 1	16V Ceramic	AC	C868	VCKYCY1EB473KY	J 0.047	25V Ceramic	AA
C711	RC-EZA132WJZZY	J 10	50V Electrolytic	AA	C869	VCKYCY1EB473KY	J 0.047	25V Ceramic	AA
C712	RC-KZA041WJZZY	J 10	10V Ceramic	AC	C870	RC-KZA030WJZZY	J 2.2	10V Ceramic	AB
C713	RC-KZA041WJZZY	J 10	10V Ceramic	AC	C871	RC-KZA030WJZZY	J 2.2	10V Ceramic	AB
C714	RC-KZA041WJZZY	J 10	10V Ceramic	AC	C872	VCCCCY1HH471JY	J 470p	50V Ceramic	AA
C715	RC-EZA132WJZZY	J 10	50V Electrolytic	AA	C873	VCKYCY1AB224KY	J 0.22	10V Ceramic	AB
C716	RC-KZA041WJZZY	J 10	10V Ceramic	AC	C874	VCKYCY1AB224KY	J 0.22	10V Ceramic	AB
C717	VCKYTV1CB105KY	J 1	16V Ceramic	AC	C875	VCKYCY1AB224KY	J 0.22	10V Ceramic	AB
C718	RC-KZA041WJZZY	J 10	10V Ceramic	AC	C1101	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
C719	RC-EZA123WJZZY	J 100	6.3V Electrolytic	AA	C1102	RC-EZ1339CEZZY	J 220	16V Electrolytic	AD
C720	VCEASH0JN227MY	J 220	6.3V Electrolytic	AC	C1104	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
C721	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA	C1105	VCCCCY1HH181JY	J 180p	50V Ceramic	AA
C722	RC-EZA131WJZZY	J 4.7	50V Electrolytic	AA	C1106	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
C723	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA	C1107	RC-KZA041WJZZY	J 10	10V Ceramic	AC
C724	RC-EZA132WJZZY	J 10	50V Electrolytic	AA	C1108	VCCCCY1HH560JY	J 56p	50V Ceramic	AB
C725	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA	C1109	RC-KZA041WJZZY	J 10	10V Ceramic	AC
C726	RC-EZA132WJZZY	J 10	50V Electrolytic	AA	C1110	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
C727	VCKYTV1CB105KY	J 1	16V Ceramic	AC	C1111	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
C728	VCKYCY1HF103ZY	J 0.01	50V Ceramic	AA	C1112	VCKYCY1HB103KY	J 0.01	50V Ceramic	AA
C801	RC-KZA041WJZZY	J 10	10V Ceramic	AC	C1113	VCKYCY1HB103KY	J 0.01	50V Ceramic	AA
C802	RC-KZA041WJZZY	J 10	10V Ceramic	AC	C1114	VCCCCY1HH560JY	J 56p	50V Ceramic	AB
C803	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA	C1115	VCKYTV1CB334KY	J 0.33	16V Ceramic	AC
C804	RC-KZA041WJZZY	J 10	10V Ceramic	AC	C1116	VCKYTV1CB105KY	J 1	16V Ceramic	AC
C805	RC-KZA041WJZZY	J 10	10V Ceramic	AC	C1117	VCKYTV1CB105KY	J 1	16V Ceramic	AC
C806	VCKYCY1AB105KY	J 1	10V Ceramic	AB	C1118	VCKYCY1EB104KY	J 0.1	25V Ceramic	AB
C807	VCKYCY1HB222KY	J 2200p	50V Ceramic	AA	C1119	RC-KZA041WJZZY	J 10	10V Ceramic	AC
C808	VCCCCY1HH101JY	J 100p	50V Ceramic	AA	C1122	RC-EZ1339CEZZY	J 220	16V Electrolytic	AD
C809	RC-KZA041WJZZY	J 10	10V Ceramic	AC	C1204	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
C810	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA	C1205	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
C812	RC-KZA041WJZZY	J 10	10V Ceramic	AC	C1206	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
C813	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA	C1207	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
C814	VCKYCY1AB105KY	J 1	10V Ceramic	AB	C1208	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
C815	VCKYCY1HB102KY	J 1000p	50V Ceramic	AA	C1209	VCCCCY1HH7R0DY	J 7p	50V Ceramic	AA
C818	RC-EZA135WJZZY	J 47	6.3V Electrolytic	AA	C1210	VCCCCY1HH7R0DY	J 7p	50V Ceramic	AA
C819	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA	C1211	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
C820	RC-EZA122WJZZY	J 22	6.3V Electrolytic	AA	C1212	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
C821	VCKYTV1CF684ZY	J 0.68	16V Ceramic	AB	C1213	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
C822	RC-KZA030WJZZY	J 2.2	10V Ceramic	AB	C1214	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
C823	VCKYTV1CF684ZY	J 0.68	16V Ceramic	AB	C1215	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
C824	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA	C1216	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
C826	RC-EZA123WJZZY	J 100	6.3V Electrolytic	AA	C1217	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
C828	RC-KZ1025CEZZY	J 1	10V Ceramic	AB	C1218	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
C829	RC-EZA123WJZZY	J 100	6.3V Electrolytic	AA	C1219	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
C830	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA	C1220	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
					C1221	VCKYCY1CF474ZY	J 0.47	16V Ceramic	AB
					C1222	VCKYCY1CF474ZY	J 0.47	16V Ceramic	AB
					C1223	VCKYCY1CF474ZY	J 0.47	16V Ceramic	AB
					C1224	VCKYCY1CF474ZY	J 0.47	16V Ceramic	AB
					C1225	VCKYCY1CF474ZY	J 0.47	16V Ceramic	AB
					C1226	VCKYCY1CF474ZY	J 0.47	16V Ceramic	AB

Ref. No.	Part No.	★	Description	Code
DUNTKB750FE03				
MAIN UNIT (Continued)				
C1227	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
C1228	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
C1229	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
C1230	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
C1231	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
C1232	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
C1233	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
C1234	RC-EZA143WJZZY	J 100	6.3V Electrolytic	AB
C1235	RC-EZA143WJZZY	J 100	6.3V Electrolytic	AB
C1236	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
C1237	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
C1238	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
C1240	VCCCCY1HH220JY	J 22p	50V Ceramic	AA
C1244	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
C1245	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
C1246	RC-EZA143WJZZY	J 100	6.3V Electrolytic	AB
C1247	RC-EZA143WJZZY	J 100	6.3V Electrolytic	AB
C1601	RC-KZ0074TAZZY	J 10	6.3V Ceramic	AF
C1602	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
C1603	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
C1604	VCKYCY1CF334ZY	J 0.33	16V Ceramic	AB
C1605	RC-EZA127WJZZY	J 100	16V Electrolytic	AB
C1606	RC-EZA123WJZZY	J 100	6.3V Electrolytic	AA
C1607	RC-EZA199WJZZY	J 10	25V Electrolytic	AA
C1608	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
C1609	RC-EZA123WJZZY	J 100	6.3V Electrolytic	AA
C1610	VCKYCY1HB103KY	J 0.01	50V Ceramic	AA
C1611	RC-EZA123WJZZY	J 100	6.3V Electrolytic	AA
C1612	RC-KZA030WJZZY	J 2.2	10V Ceramic	AB
C1613	VCE9PF0JN226MY	J 22	6.3V Elect. (N.P)	AD
C1614	VCKYCY1CF334ZY	J 0.33	16V Ceramic	AB
C1615	RC-EZA125WJZZY	J 22	16V Electrolytic	AA
C1616	VCKYCY1HB103KY	J 0.01	50V Ceramic	AA
C1617	RC-EZA135WJZZY	J 47	6.3V Electrolytic	AA
C1618	RC-KZA030WJZZY	J 2.2	10V Ceramic	AB
C1619	VCCCCY1HH181JY	J 180p	50V Ceramic	AA
C1620	VCE9PF0JN226MY	J 22	6.3V Elect. (N.P)	AD
C1622	RC-EZA122WJZZY	J 22	6.3V Electrolytic	AA
C1623	RC-EZA135WJZZY	J 47	6.3V Electrolytic	AA
C1624	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
C1625	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
C1626	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
C1627	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
C1628	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
C1629	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
C1630	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
C1631	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
C1632	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
C1633	VCKYTV1CF105ZY	J 1	16V Ceramic	AB
C1634	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
C1636	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
C1639	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
C1640	VCCCCY1HH330JY	J 33p	50V Ceramic	AA
C1641	VCCCCY1HH330JY	J 33p	50V Ceramic	AA
C1642	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
C1643	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
C1644	RC-KZ0074TAZZY	J 10	6.3V Ceramic	AF
C1647	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
C1649	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
C1650	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
C1651	VCCCCY1HH471JY	J 470p	50V Ceramic	AA
C1652	VCCCCY1HH471JY	J 470p	50V Ceramic	AA
C2001	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
C2002	VCKYTV1CF105ZY	J 1	16V Ceramic	AB
C2003	RC-KZ0074TAZZY	J 10	6.3V Ceramic	AF
C2004	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
C2005	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
C2006	VCKYCY1AB105KY	J 1	10V Ceramic	AB
C2007	RC-EZA122WJZZY	J 22	6.3V Electrolytic	AA
C2008	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
C2012	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA

Ref. No.	Part No.	★	Description	Code
C2018	VCKYTV1CF684ZY	J 0.68	16V Ceramic	AB
C2020	RC-EZA124WJZZY	J 10	16V Electrolytic	AA
C2022	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
C2023	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
C2024	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
C2025	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
C2026	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
C2027	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
C2028	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA
C2029	VCKYCY1EF104ZY	J 0.1	25V Ceramic	AA

RESISTORS

R701	VRS-CY1JF000JY	J 0	1/16W Metal Oxide	AA
R702	VRS-CY1JF682JY	J 6.8k	1/16W Metal Oxide	AA
R703	VRS-CY1JF562JY	J 5.6k	1/16W Metal Oxide	AA
R704	VRS-CY1JF1R0JY	J 1	1/16W Metal Oxide	AA
R707	VRS-CY1JF103JY	J 10k	1/16W Metal Oxide	AA
R708	VRS-CY1JF272JY	J 2.7k	1/16W Metal Oxide	AA
R709	VRS-CY1JF272JY	J 2.7k	1/16W Metal Oxide	AA
R710	VRS-CY1JF102JY	J 1k	1/16W Metal Oxide	AA
R711	VRS-CY1JF103JY	J 10k	1/16W Metal Oxide	AA
R712	VRS-CY1JF680FY	J 68	1/16W Metal Oxide	AA
R713	VRS-CY1JF272JY	J 2.7k	1/16W Metal Oxide	AA
R714	VRS-CY1JF151FY	J 150	1/16W Metal Oxide	AA
R715	VRS-TX2HF330JY	J 33	1/2W Metal Oxide	AB
R716	VRS-TV1JD562JY	J 5.6k	1/10W Metal Oxide	AA
R717	VRS-TW2ED150JY	J 15	1/4W Metal Oxide	AA
R718	VRS-TX2HF472JY	J 4.7k	1/2W Metal Oxide	AB
R805	VRS-CY1JF561FY	J 560	1/16W Metal Oxide	AA
R807	VRS-CY1JF103JY	J 10k	1/16W Metal Oxide	AA
R809	VRS-CY1JF474JY	J 470k	1/16W Metal Oxide	AA
R811	VRS-CY1JF104JY	J 100k	1/16W Metal Oxide	AA
R812	VRS-CY1JF333JY	J 33k	1/16W Metal Oxide	AA
R813	VRS-CY1JF152JY	J 1.5k	1/16W Metal Oxide	AA
R815	VRS-CY1JF152JY	J 1.5k	1/16W Metal Oxide	AA
R817	VRS-CY1JF152JY	J 1.5k	1/16W Metal Oxide	AA
R818	VRS-CY1JF103JY	J 10k	1/16W Metal Oxide	AA
R820	VRS-CY1JF152JY	J 1.5k	1/16W Metal Oxide	AA
R822	VRS-CY1JF152JY	J 1.5k	1/16W Metal Oxide	AA
R823	VRS-CY1JF152JY	J 1.5k	1/16W Metal Oxide	AA
R824	VRS-CY1JF152JY	J 1.5k	1/16W Metal Oxide	AA
R830	VRS-CY1JF000JY	J 0	1/16W Metal Oxide	AA
R835	VRS-CY1JF101JY	J 100	1/16W Metal Oxide	AA
R836	VRS-CY1JF000JY	J 0	1/16W Metal Oxide	AA
R837	VRS-CY1JF000JY	J 0	1/16W Metal Oxide	AA
R838	VRS-CY1JF102JY	J 1k	1/16W Metal Oxide	AA
R839	VRS-CY1JF102JY	J 1k	1/16W Metal Oxide	AA
R840	VRS-CY1JF102JY	J 1k	1/16W Metal Oxide	AA
R841	VRS-CA1JF101JY	J 100	1/16W Metal Oxide	AA
R842	VRS-CA1JF101JY	J 100	1/16W Metal Oxide	AA
R843	VRS-CY1JF101JY	J 100	1/16W Metal Oxide	AA
R845	VRS-CY1JF101JY	J 100	1/16W Metal Oxide	AA
R847	VRS-CA1JF220JY	J 22	1/16W Metal Oxide	AA
R849	VRS-CY1JF102FY	J 1k	1/16W Metal Oxide	AA
R856	VRS-CY1JF392FY	J 3.9k	1/16W Metal Oxide	AA
R858	VRS-CY1JF561FY	J 560	1/16W Metal Oxide	AA
R859	VRS-CY1JF561FY	J 560	1/16W Metal Oxide	AA
R860	VRS-CY1JF561FY	J 560	1/16W Metal Oxide	AA
R861	VRS-CY1JF105JY	J 1M	1/16W Metal Oxide	AA
R872	VRS-CB1JF000JY	J 0	1/16W Metal Oxide	AC
R873	VRS-CY1JF750JY	J 75	1/16W Metal Oxide	AA
R874	VRS-CY1JF750JY	J 75	1/16W Metal Oxide	AA
R875	VRS-CY1JF750JY	J 75	1/16W Metal Oxide	AA
R1101	VRS-CY1JF273FY	J 27k	1/16W Metal Oxide	AA
R1102	VRS-CY1JF472FY	J 4.7k	1/16W Metal Oxide	AA
R1103	VRS-CY1JF472FY	J 4.7k	1/16W Metal Oxide	AA
R1104	VRS-CY1JF472JY	J 4.7k	1/16W Metal Oxide	AA
R1105	VRS-CY1JF391JY	J 390	1/16W Metal Oxide	AA
R1106	VRS-CY1JF102JY	J 1k	1/16W Metal Oxide	AA
R1107	VRS-CY1JF391JY	J 390	1/16W Metal Oxide	AA
R1108	VRS-TW2ED102JY	J 1k	1/4W Metal Oxide	AA
R1109	VRS-TW2ED5R6JY	J 5.6	1/4W Metal Oxide	AA
R1110	VRS-TW2ED8R2JY	J 8.2	1/4W Metal Oxide	AA
R1111	VRS-CY1JF103FY	J 10k	1/16W Metal Oxide	AA
R1112	VRS-CY1JF181JY	J 180	1/16W Metal Oxide	AA

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
DUNTKB750FE03									
MAIN UNIT (Continued)									
R1113	VRS-CY1JF102JY	J 1k	1/16W Metal Oxide	AA	R1627	VRS-CY1JF333JY	J 33k	1/16W Metal Oxide	AA
R1114	VRS-CY1JF181JY	J 180	1/16W Metal Oxide	AA	R1628	VRS-CY1JF332JY	J 3.3k	1/16W Metal Oxide	AA
R1115	VRS-TX2HF100JY	J 10	1/2W Metal Oxide	AB	R1629	VRS-CY1JF332JY	J 3.3k	1/16W Metal Oxide	AA
R1117	VRS-TX2HF5R6JY	J 5.6	1/2W Metal Oxide	AB	R1631	VRS-CY1JF222JY	J 2.2k	1/16W Metal Oxide	AA
R1118	VRS-TX2HF5R6JY	J 5.6	1/2W Metal Oxide	AB	R1632	VRS-CB1JF332JY	J 3.3k	1/16W Metal Oxide	AC
R1119	VRS-CY1JF473JY	J 47k	1/16W Metal Oxide	AA	R1635	VRS-CY1JF221JY	J 220	1/16W Metal Oxide	AA
R1121	VRS-CY1JF000JY	J 0	1/16W Metal Oxide	AA	R1637	VRS-CY1JF221JY	J 220	1/16W Metal Oxide	AA
R1122	VRS-CY1JF000JY	J 0	1/16W Metal Oxide	AA	R1639	VRS-CY1JF000JY	J 0	1/16W Metal Oxide	AA
R1123	VRS-TX2HF000JY	J 0	1/2W Metal Oxide	AB	R1642	VRS-CY1JF000JY	J 0	1/16W Metal Oxide	AA
R1124	VRS-TX2HF101JY	J 100	1/2W Metal Oxide	AA	R1645	VRS-CA1JF221JY	J 220	1/16W Metal Oxide	AC
R1126	VRS-CY1JF000JY	J 0	1/16W Metal Oxide	AA	R1647	VRS-CY1JF333JY	J 33k	1/16W Metal Oxide	AA
R1128	VRS-CY1JF000JY	J 0	1/16W Metal Oxide	AA	R1655	VRS-CY1JF102FY	J 1k	1/16W Metal Oxide	AA
R1210	VRS-CY1JF101JY	J 100	1/16W Metal Oxide	AA	R1656	VRS-CY1JF102FY	J 1k	1/16W Metal Oxide	AA
R1211	VRS-CY1JF101JY	J 100	1/16W Metal Oxide	AA	R1657	VRS-CY1JF102FY	J 1k	1/16W Metal Oxide	AA
R1212	VRS-CA1JF101JY	J 100	1/16W Metal Oxide	AA	R1658	VRS-CY1JF000JY	J 0	1/16W Metal Oxide	AA
R1213	VRS-CY1JF101JY	J 100	1/16W Metal Oxide	AA	R1659	VRS-CY1JF000JY	J 0	1/16W Metal Oxide	AA
R1216	VRS-CA1JF101JY	J 100	1/16W Metal Oxide	AA	R1661	VRS-CY1JF221JY	J 220	1/16W Metal Oxide	AA
R1217	VRS-CB1JF101JY	J 100	1/16W Metal Oxide	AA	R1664	VRS-CY1JF000JY	J 0	1/16W Metal Oxide	AA
R1218	VRS-CA1JF101JY	J 100	1/16W Metal Oxide	AA	R1665	VRS-CY1JF332JY	J 3.3k	1/16W Metal Oxide	AA
R1219	VRS-CA1JF101JY	J 100	1/16W Metal Oxide	AA	R2004	VRS-CY1JF333JY	J 33k	1/16W Metal Oxide	AA
R1220	VRS-CA1JF101JY	J 100	1/16W Metal Oxide	AA	R2006	VRS-CY1JF1R0JY	J 1	1/16W Metal Oxide	AA
R1221	VRS-CY1JF000JY	J 0	1/16W Metal Oxide	AA	R2007	VRS-CY1JF101JY	J 100	1/16W Metal Oxide	AA
R1222	VRS-CY1JF105JY	J 1M	1/16W Metal Oxide	AA	R2008	VRS-CY1JF223JY	J 22k	1/16W Metal Oxide	AA
R1223	VRS-CY1JF000JY	J 0	1/16W Metal Oxide	AA	R2009	VRS-CY1JF223JY	J 22k	1/16W Metal Oxide	AA
R1224	VRS-CY1JF101JY	J 100	1/16W Metal Oxide	AA	R2010	VRS-CY1JF1R0JY	J 1	1/16W Metal Oxide	AA
R1225	VRS-CY1JF680JY	J 68	1/16W Metal Oxide	AA	R2011	VRS-CY1JF393JY	J 39k	1/16W Metal Oxide	AA
R1226	VRS-CY1JF220JY	J 22	1/16W Metal Oxide	AA	R2012	VRS-CY1JF000JY	J 0	1/16W Metal Oxide	AA
R1227	VRK-CD1JJ220JY	J 22	1/16W Metal Comp.	AC	R2013	VRS-CY1JF333JY	J 33k	1/16W Metal Oxide	AA
R1228	VRK-CD1JJ220JY	J 22	1/16W Metal Comp.	AC	R2014	VRS-CY1JF000JY	J 0	1/16W Metal Oxide	AA
R1229	VRS-CY1JF101JY	J 100	1/16W Metal Oxide	AA	R2015	VRS-CY1JF000JY	J 0	1/16W Metal Oxide	AA
R1231	VRS-CY1JF223JY	J 22k	1/16W Metal Oxide	AA	R2017	VRS-CY1JF103JY	J 10k	1/16W Metal Oxide	AA
R1232	VRK-CD1JJ220JY	J 22	1/16W Metal Comp.	AC	R2019	VRS-CY1JF101JY	J 100	1/16W Metal Oxide	AA
R1233	VRS-CY1JF101JY	J 100	1/16W Metal Oxide	AA	R2020	VRS-CY1JF101JY	J 100	1/16W Metal Oxide	AA
R1234	VRS-CA1JF101JY	J 100	1/16W Metal Oxide	AA	R2021	VRS-CA1JF102JY	J 1k	1/16W Metal Oxide	AA
R1235	VRS-CA1JF220JY	J 22	1/16W Metal Oxide	AA	R2022	VRS-CA1JF223JY	J 22k	1/16W Metal Oxide	AA
R1236	VRS-CY1JF101JY	J 100	1/16W Metal Oxide	AA	R2029	VRS-CA1JF223JY	J 22k	1/16W Metal Oxide	AA
R1237	VRS-CY1JF102JY	J 1k	1/16W Metal Oxide	AA	R2032	VRS-CY1JF000JY	J 0	1/16W Metal Oxide	AA
R1238	VRS-CY1JF220JY	J 22	1/16W Metal Oxide	AA	R2033	VRS-CY1JF103JY	J 10k	1/16W Metal Oxide	AA
R1239	VRS-CY1JF221JY	J 220	1/16W Metal Oxide	AA	R2034	VRS-CY1JF512JY	J 5.1k	1/16W Metal Oxide	AA
R1240	VRS-CY1JF101JY	J 100	1/16W Metal Oxide	AA	R2036	VRS-CY1JF102JY	J 1k	1/16W Metal Oxide	AA
R1241	VRS-CY1JF101JY	J 100	1/16W Metal Oxide	AA	R2037	VRS-CY1JF103JY	J 10k	1/16W Metal Oxide	AA
R1242	VRS-CY1JF101JY	J 100	1/16W Metal Oxide	AA	R2039	VRS-CY1JF512JY	J 5.1k	1/16W Metal Oxide	AA
R1244	VRS-CY1JF472JY	J 4.7k	1/16W Metal Oxide	AA	R2041	VRS-CY1JF103JY	J 10k	1/16W Metal Oxide	AA
R1251	VRS-CY1JF000JY	J 0	1/16W Metal Oxide	AA	R2042	VRS-CY1JF101JY	J 100	1/16W Metal Oxide	AA
R1258	VRS-CY1JF101JY	J 100	1/16W Metal Oxide	AA	R2043	VRS-CY1JF153JY	J 15k	1/16W Metal Oxide	AA
R1259	VRS-CY1JF182JY	J 1.8k	1/16W Metal Oxide	AA	R2044	VRS-CY1JF101JY	J 100	1/16W Metal Oxide	AA
R1260	VRS-CY1JF000JY	J 0	1/16W Metal Oxide	AA	R2045	VRS-CY1JF103JY	J 10k	1/16W Metal Oxide	AA
R1262	VRS-CY1JF101JY	J 100	1/16W Metal Oxide	AA	R2046	VRS-CY1JF101JY	J 100	1/16W Metal Oxide	AA
R1601	VRS-TX2HF2R2JY	J 2.2	1/2W Metal Oxide	AB	R2047	VRS-CY1JF223JY	J 22k	1/16W Metal Oxide	AA
R1602	VRS-CY1JF152JY	J 1.5k	1/16W Metal Oxide	AA	R2049	VRS-CA1JF101JY	J 100	1/16W Metal Oxide	AA
R1603	VRS-CY1JF101JY	J 100	1/16W Metal Oxide	AA	R2050	VRS-CY1JF102JY	J 1k	1/16W Metal Oxide	AA
R1604	VRS-CY1JF101JY	J 100	1/16W Metal Oxide	AA	R2051	VRS-CY1JF223JY	J 22k	1/16W Metal Oxide	AA
R1605	VRS-CY1JF101JY	J 100	1/16W Metal Oxide	AA	R2052	VRS-CY1JF512JY	J 5.1k	1/16W Metal Oxide	AA
R1607	VRS-CY1JF391FY	J 390	1/16W Metal Oxide	AA	R2055	VRS-CB1JF101JY	J 100	1/16W Metal Oxide	AA
R1608	VRS-CY1JF332JY	J 3.3k	1/16W Metal Oxide	AA	R2056	VRS-CA1JF103JY	J 10k	1/16W Metal Oxide	AA
R1609	VRS-CY1JF681JY	J 680	1/16W Metal Oxide	AA	R2057	VRS-CA1JF101JY	J 100	1/16W Metal Oxide	AA
R1610	VRS-CY1JF391FY	J 390	1/16W Metal Oxide	AA	R2058	VRS-CY1JF101JY	J 100	1/16W Metal Oxide	AA
R1611	VRS-CY1JF132JY	J 1.3k	1/16W Metal Oxide	AG	R2059	VRS-CA1JF223JY	J 22k	1/16W Metal Oxide	AA
R1612	VRS-CY1JF000JY	J 0	1/16W Metal Oxide	AA	R2060	VRS-CA1JF101JY	J 100	1/16W Metal Oxide	AA
R1614	VRS-CY1JF223JY	J 22k	1/16W Metal Oxide	AA	R2061	VRS-CA1JF101JY	J 100	1/16W Metal Oxide	AA
R1615	VRS-CY1JF223JY	J 22k	1/16W Metal Oxide	AA	R2063	VRS-CY1JF223JY	J 22k	1/16W Metal Oxide	AA
R1616	VRS-CY1JF391FY	J 390	1/16W Metal Oxide	AA	R2064	VRS-CY1JF103JY	J 10k	1/16W Metal Oxide	AA
R1617	VRS-CY1JF102JY	J 1k	1/16W Metal Oxide	AA	R2065	VRS-CY1JF103JY	J 10k	1/16W Metal Oxide	AA
R1618	VRS-CY1JF102FY	J 1k	1/16W Metal Oxide	AA	R2066	VRS-CA1JF101JY	J 100	1/16W Metal Oxide	AA
R1619	VRS-CY1JF102FY	J 1k	1/16W Metal Oxide	AA	R2067	VRS-CY1JF223JY	J 22k	1/16W Metal Oxide	AA
R1620	VRS-CY1JF681FY	J 680	1/16W Metal Oxide	AA	R2068	VRS-CY1JF101JY	J 100	1/16W Metal Oxide	AA
R1621	VRS-CY1JF102JY	J 1k	1/16W Metal Oxide	AA	R2069	VRS-CY1JF000JY	J 0	1/16W Metal Oxide	AA
R1622	VRS-CY1JF102JY	J 1k	1/16W Metal Oxide	AA	R2070	VRS-CY1JF472JY	J 4.7k	1/16W Metal Oxide	AA
R1623	VRS-CY1JF102JY	J 1k	1/16W Metal Oxide	AA	R2071	VRS-CY1JF101JY	J 100	1/16W Metal Oxide	AA
R1624	VRS-CY1JF681FY	J 680	1/16W Metal Oxide	AA	R2072	VRS-CY1JF472JY	J 4.7k	1/16W Metal Oxide	AA
R1625	VRS-CY1JF223JY	J 22k	1/16W Metal Oxide	AA	R2073	VRS-CA1JF153JY	J 15k	1/16W Metal Oxide	AB
					R2076	VRS-CB1JF101JY	J 100	1/16W Metal Oxide	AA
					R2077	VRS-CA1JF101JY	J 100	1/16W Metal Oxide	AA
					R2078	VRS-CA1JF101JY	J 100	1/16W Metal Oxide	AA
					R2079	VRS-CY1JF472JY	J 4.7k	1/16W Metal Oxide	AA

Ref. No.	Part No.	★	Description	Code
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MAIN UNIT (Continued)

R2080	VRS-CY1JF472JY	J	4.7k	1/16W Metal Oxide	AA
R2081	VRS-CY1JF101JY	J	100	1/16W Metal Oxide	AA
R2082	VRS-CY1JF101JY	J	100	1/16W Metal Oxide	AA
R2083	VRS-CY1JF101JY	J	100	1/16W Metal Oxide	AA
R2084	VRS-CY1JF101JY	J	100	1/16W Metal Oxide	AA
R2085	VRS-CY1JF223JY	J	22k	1/16W Metal Oxide	AA
R2086	VRS-CA1JF101JY	J	100	1/16W Metal Oxide	AA
R2087	VRS-CY1JF472JY	J	4.7k	1/16W Metal Oxide	AA
R2088	VRS-CY1JF393JY	J	39k	1/16W Metal Oxide	AA
R2090	VRS-CY1JF472JY	J	4.7k	1/16W Metal Oxide	AA
R2093	VRS-CA1JF103JY	J	10k	1/16W Metal Oxide	AA
R2096	VRS-CA1JF103JY	J	10k	1/16W Metal Oxide	AA
R2097	VRS-CY1JF101JY	J	100	1/16W Metal Oxide	AA
R2098	VRS-CY1JF512JY	J	5.1k	1/16W Metal Oxide	AA
R2099	VRS-CY1JF101JY	J	100	1/16W Metal Oxide	AA
R2100	VRS-CY1JF512JY	J	5.1k	1/16W Metal Oxide	AA
R2101	VRS-CY1JF512JY	J	5.1k	1/16W Metal Oxide	AA
R2102	VRS-CY1JF512JY	J	5.1k	1/16W Metal Oxide	AA
R2103	VRS-CY1JF512JY	J	5.1k	1/16W Metal Oxide	AA
R2104	VRS-CY1JF103JY	J	10k	1/16W Metal Oxide	AA
R2105	VRS-CY1JF000JY	J	0	1/16W Metal Oxide	AA
R7003	VRS-CB1JF000JY	J	0	1/16W Metal Oxide	AC
R7004	VRS-CB1JF000JY	J	0	1/16W Metal Oxide	AC
R7006	VRS-CA1JF000JY	J	0	1/16W Metal Oxide	AB

MISCELLANEOUS PARTS

FB1201	RBLN-0083GEZZY	J	Ferrite Bead	AB
FB1601	RBLN-0006TAZZY	J	Ferrite Bead	AB
FB1602	RBLN-0006TAZZY	J	Ferrite Bead	AB
FB1603	RBLN-0006TAZZY	J	Ferrite Bead	AB
FB1604	RBLN-0006TAZZY	J	Ferrite Bead	AB
FB1605	RBLN-0006TAZZY	J	Ferrite Bead	AB
FB1606	RBLN-0006TAZZY	J	Ferrite Bead	AB
FB1607	RBLN-0076TAZZY	J	Ferrite Bead	AC
FB1608	RBLN-0076TAZZY	J	Ferrite Bead	AC
FB1609	RBLN-0076TAZZY	J	Ferrite Bead	AC
FB1610	RBLN-0076TAZZY	J	Ferrite Bead	AC
FB1611	RBLN-0076TAZZY	J	Ferrite Bead	AC
P701	QPLGN0549FJZZY	J	Plug, 12-pin(MB)	AE
P702	QPLGN0274TAZZY	J	Plug, 2-pin	AC
P2001	QPLGN0558REZZY	J	Plug, 5-pin(MS)	AE
SC1202	QSOCNA002WJPZY	J	Socket, 20-pin(LK)	AD
SC1203	QSOCN0687FJZZY	J	Socket, 50-pin(LS)	AF
SC1204	QSOCN0206FJZZY	J	Socket, 30-pin(LG)	AF
SC2002	QSOCN0464FJZZY	J	Socket, 50-pin(MA)	AH
TP2040	QLUGHA002WJZZ	J	Lug	AB

Ref. No.	Part No.	★	Description	Code
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DUNTKB751DE03

TUNER UNIT

TUNER

NOTE: THE PARTS HERE SHOWN ARE SUPPLIED AS AN ASSEMBLY BUT NOT INDEPENDENTLY.

TU2201	VTUVT4T5FD532	J	Tuner	BK
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INTEGRATED CIRCUITS

IC304	VHiBH3543F+-1Y	J	BH3543F-E2	AE
IC1901	RH-iX1853BMZZQ	J	MSP3410G-QG-B8	BB
IC1902	VHiNJM4560M-1Y	J	NJM4560M	AG
IC1905	VHiNJM4560M-1Y	J	NJM4560M	AG
IC2202	VHiMM1506XN-1Y	J	MM1506XNRE	AD
IC3301	VHiLA4635A+-1S	J	LA4635A	AM
IC3501	VHiNJM4560M-1Y	J	NJM4560M	AG
IC3701	VHiNJM2377M-1Y	J	NJM2377M	AK
IC3702	VHiNJM2147M-1Y	J	NJM2147M-TE1	AF

TRANSISTORS

Q302	VSDTC144EKA-1Y	J	DTC144EKA	AB
Q303	VSFMMT718//-1Y	J	FMMT718	AE
Q2201	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q2202	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q2203	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q2204	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q2205	VSiMZ1A////-1Y	J	IMZ1A	AC
Q2206	VSiMZ1A////-1Y	J	IMZ1A	AC
Q3301	VSDTC314TK/-1Y	J	DTC314TK	AC
Q3302	VSDTA144EE/-1Y	J	DTA144EE	AA
Q3303	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q3304	VSDTC314TK/-1Y	J	DTC314TK	AC
Q3305	VSDTC314TK/-1Y	J	DTC314TK	AC
Q3601	VSUM5K1NTR+-1Y	J	UM5K1NTR	AC
Q3602	VSUM5K1NTR+-1Y	J	UM5K1NTR	AC
Q3603	VSUM5K1NTR+-1Y	J	UM5K1NTR	AC
Q3604	VSUM5K1NTR+-1Y	J	UM5K1NTR	AC
Q3605	VSUM5K1NTR+-1Y	J	UM5K1NTR	AC
Q3606	VSDTC114YE/-1Y	J	DTC114YE	AB
Q3701	VSDTC144EE/-1Y	J	DTA144EE	AA
Q3702	VSFMMT718//-1Y	J	FMMT718	AE
Q3703	VSFMMT718//-1Y	J	FMMT718	AE
Q3704	VSDTC144EE/-1Y	J	DTA144EE	AA
Q3705	VSFMY3////-1Y	J	FMY3	AB
Q3706	VS2SK2503//-1Y	J	2SK2503	AE
Q3707	VSFMMT619//-1Y	J	FMMT619	AE
Q3708	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q3709	VSFMY3////-1Y	J	FMY3	AB
Q3901	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q3902	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q3903	VSDTC314TK/-1Y	J	DTC314TK	AC
Q3904	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q3905	VSDTC314TK/-1Y	J	DTC314TK	AC
Q3906	VSDTC314TK/-1Y	J	DTC314TK	AC
Q3907	VSDTC314TK/-1Y	J	DTC314TK	AC

DIODES

D301	VHDMA3120WA-1Y	J	Diode	AD
D302	VHDMA3120WA-1Y	J	Diode	AD
D303	VHDDAN222//-1Y	J	Diode	AA
D2201	RH-EX0906CEZZY	J	Zener Diode	AD
D2202	RH-EX1264CEZZY	J	Zener Diode	AB
D3301	RH-EX1396CEZZY	J	Zener Diode	AB
D3302	VHDDAN222//-1Y	J	Diode	AA
D3601	VHdiMN10///-1Y	J	Diode	AB
D3602	VHdiMN10///-1Y	J	Diode	AB
D3603	VHdiMN10///-1Y	J	Diode	AB
D3604	VHdiMN10///-1Y	J	Diode	AB
D3605	VHDDAN222//-1Y	J	Diode	AA
D3606	VHDDAN222//-1Y	J	Diode	AA
D3607	VHDDAN222//-1Y	J	Diode	AA
D3608	VHDDAN222//-1Y	J	Diode	AA
D3609	VHDDAN222//-1Y	J	Diode	AA
D3701	VHDDAN222//-1Y	J	Diode	AA

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
DUNTKB751DE03									
TUNER UNIT (Continued)									
D3702	VHDDAN222//1Y	J	Diode	AA	C1917	RC-EZ0417CEZZY	J	150 16V Electrolytic	AD
D3705	VHDSFPB56//2EY	J	Diode	AC	C1918	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
D3706	VHDSFPB74//2EY	J	Diode	AD	C1919	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
D3707	VHDSFPB74//2EY	J	Diode	AD	C1920	RC-EZA130WJZZY	J	3.3 50V Electrolytic	AA
D3709	VHDDAN222//1Y	J	Diode	AA	C1921	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
D3710	VHD1SS250//1EY	J	Diode	AB	C1922	RC-KZA041WJZZY	J	10 10V Ceramic	AC
D3711	VHDDAN222//1Y	J	Diode	AA	C1923	RC-KZA041WJZZY	J	10 10V Ceramic	AC
D3901	VHDDAN222//1Y	J	Diode	AA	C1924	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
D3902	VHDDAN222//1Y	J	Diode	AA	C1925	RC-EZ0417CEZZY	J	150 16V Electrolytic	AD
D3903	RH-EX1247CEZZY	J	Zener Diode, 5.6V	AB	C1926	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
D3904	RH-EX1247CEZZY	J	Zener Diode, 5.6V	AB	C1927	VCKYCY1HB682KY	J	6800p 50V Ceramic	AA
D3905	RH-EX1271CEZZY	J	Zener Diode, 12V	AB	C1928	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
D3906	RH-EX1271CEZZY	J	Zener Diode, 12V	AB	C1929	RC-EZ0417CEZZY	J	150 16V Electrolytic	AD
D3907	RH-EX1271CEZZY	J	Zener Diode, 12V	AB	C1930	VCKYCY1HB682KY	J	6800p 50V Ceramic	AA
D3908	RH-EX1271CEZZY	J	Zener Diode, 12V	AB	C1931	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
D3909	RH-EX1271CEZZY	J	Zener Diode, 12V	AB	C1932	VCKYTV1CF105ZY	J	1 16V Ceramic	AB
D5001	RH-EX1271CEZZY	J	Zener Diode, 12V	AB	C1933	VCKYTV1CF105ZY	J	1 16V Ceramic	AB
PACKAGED CIRCUITS					C1934	RC-KZ0044TAZZY	J	4.7 10V Ceramic	AD
X1901	RCRSB0250GEZZ	J	Crystal, 18.432MHz	AG	C1935	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
COILS					C1936	RC-KZ0044TAZZY	J	4.7 10V Ceramic	AD
L1901	VPCGM101M2R1NY	J	Peaking 100μH	AB	C1939	RC-KZA041WJZZY	J	10 10V Ceramic	AC
L1902	VPCGM4R7MR13NY	J	Peaking 4.7μH	AA	C1948	RC-EZA126WJZZY	J	47 16V Electrolytic	AA
L2201	VPCGM100MR25NY	J	Peaking 10μH	AA	C1950	VCCCCY1HH560JY	J	56p 50V Ceramic	AB
L2202	VP-1M5R6J1R2NY	J	Peaking 5.6μH	AB	C1952	VCKYCY1EB223KY	J	0.022 25V Ceramic	AA
L2203	VP-1M3R3JR93NY	J	Peaking 3.3μH	AB	C1954	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
L2204	VP-1M4R7J1R2NY	J	Peaking 4.7μH	AB	C1956	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
L2205	VP-1M2R7JR85NY	J	Peaking 2.7μH	AB	C1957	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
L2206	VP-1M4R7J1R2NY	J	Peaking 4.7μH	AB	C1958	VCKYCY1HB472KY	J	4700p 50V Ceramic	AA
L2207	RCiLPA142WJZZ	J	Coil	AD	C1961	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
L3701	RCiLPA026WJZZ	J	Coil	AD	C1963	VCKYCY1EB223KY	J	0.022 25V Ceramic	AA
L3702	RCiLPA144WJZZY	J	Coil	AC	C1965	VCKYCY1HB472KY	J	4700p 50V Ceramic	AA
L3703	RCiLPA143WJZZY	J	Coil	AC	C1967	VCKYTV1CF105ZY	J	1 16V Ceramic	AB
L3704	RCiLPA026WJZZ	J	Coil	AD	C1968	RC-EZA129WJZZY	J	2.2 50V Electrolytic	AA
TRANSFORMER					C1969	RC-EZA129WJZZY	J	2.2 50V Electrolytic	AA
△ T3701	RTRNWA090WJZZY	J	Transformer	AG	C2201	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
CONTROL					C2203	RC-EZA123WJZZY	J	100 6.3V Electrolytic	AA
R3714	RVR-M0111CEZZY	J	1k(B) B+Adj	AC	C2204	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
CAPACITORS					C2205	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C334	VCKYTV1CF105ZY	J	1 16V Ceramic	AB	C2206	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C335	VCKYCY1HB682KY	J	6800p 50V Ceramic	AA	C2207	VCEASH1CN477MY	J	470 16V Electrolytic	AD
C336	VCKYCY1HB682KY	J	6800p 50V Ceramic	AA	C2208	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C338	VCKYTV1CF105ZY	J	1 16V Ceramic	AB	C2209	VCKYCY1HF103ZY	J	0.01 50V Ceramic	AA
C339	RC-EZA135WJZZY	J	47 6.3V Electrolytic	AA	C2210	RC-EZA128WJZZY	J	1 50V Electrolytic	AA
C340	RC-KZ1025CEZZY	J	1 10V Ceramic	AB	C2211	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C341	RC-EZA126WJZZY	J	47 16V Electrolytic	AA	C2212	VCCCCY1HH121JY	J	120p 50V Ceramic	AA
C342	RC-EZA126WJZZY	J	47 16V Electrolytic	AA	C2213	VCCCCY1HH820JY	J	82p 50V Ceramic	AA
C343	RC-KZ0075TAZZY	J	2.2 16V Ceramic	AC	C2214	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C344	RC-KZ0044TAZZY	J	4.7 10V Ceramic	AD	C2215	VCCCCY1HH180JY	J	18p 50V Ceramic	AA
C345	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA	C2216	VCCCCY1HH121JY	J	120p 50V Ceramic	AA
C346	RC-KZA043WJZZY	J	10 6.3V Ceramic	AC	C2217	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C1901	RC-EZ0417CEZZY	J	150 16V Electrolytic	AD	C2218	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C1902	VCCCCY1HH560JY	J	56p 50V Ceramic	AB	C2219	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C1903	VCCCCY1HH5R0CY	J	5p 50V Ceramic	AA	C2220	RC-EZA124WJZZY	J	10 16V Electrolytic	AA
C1904	VCCCCY1HH5R0CY	J	5p 50V Ceramic	AA	C2221	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C1905	RC-KZA041WJZZY	J	10 10V Ceramic	AC	C2222	RC-KZA041WJZZY	J	10 10V Ceramic	AC
C1906	RC-KZ1025CEZZY	J	1 10V Ceramic	AB	C2223	VCEASH1CN477MY	J	470 16V Electrolytic	AD
C1907	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA	C2224	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C1908	VCCCCY1HH560JY	J	56p 50V Ceramic	AB	C2225	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C1909	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA	C2226	RC-EZ1351CEZZ	J	3300 6.3V Electrolytic	AF
C1910	RC-KZ1025CEZZY	J	1 10V Ceramic	AB	C2227	RC-EZA126WJZZY	J	47 16V Electrolytic	AA
C1911	RC-KZ1025CEZZY	J	1 10V Ceramic	AB	C2228	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C1912	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA	C3301	RC-KZA041WJZZY	J	10 10V Ceramic	AC
C1913	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA	C3302	RC-EZA129WJZZY	J	2.2 50V Electrolytic	AA
C1914	RC-KZ1025CEZZY	J	1 10V Ceramic	AB	C3303	VCEASH1CN337MY	J	330 16V Electrolytic	AE
C1915	RC-KZ1025CEZZY	J	1 10V Ceramic	AB	C3304	RC-EZA129WJZZY	J	2.2 50V Electrolytic	AA
C1916	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA	C3305	RC-EZA127WJZZY	J	100 16V Electrolytic	AB
					C3306	RC-EZA128WJZZY	J	1 50V Electrolytic	AA
					C3307	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
					C3308	RC-EZA128WJZZY	J	1 50V Electrolytic	AA
					C3309	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
					C3311	RC-EZA124WJZZY	J	10 16V Electrolytic	AA
					C3312	VCKYTV1CF105ZY	J	1 16V Ceramic	AB
					C3314	RC-EZ1274CEZZ	J	1000 16V Electrolytic	AD
					C3315	RC-EZ1274CEZZ	J	1000 16V Electrolytic	AD
					C3501	VCKYCY1EB223KY	J	0.022 25V Ceramic	AA

Ref. No.	Part No.	★	Description	Code
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DUNTKB751DE03

TUNER UNIT (Continued)

C3502	VCKYCY1EB223KY	J	0.022	25V	Ceramic	AA
C3503	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C3504	RC-KZ0044TAZZY	J	4.7	10V	Ceramic	AD
C3505	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C3506	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3507	RC-EZ0417CEZZY	J	150	16V	Electrolytic	AD
C3508	RC-KZ0044TAZZY	J	4.7	10V	Ceramic	AD
C3509	RC-KZA041WJZZY	J	10	10V	Ceramic	AC
C3510	VCKYTV1CF105ZY	J	1	16V	Ceramic	AB
C3511	VCKYTV1CF105ZY	J	1	16V	Ceramic	AB
C3512	VCKYCY1HB682KY	J	6800p	50V	Ceramic	AA
C3513	VCKYCY1HB682KY	J	6800p	50V	Ceramic	AA
C3601	RC-KZ0072TAZZY	J	1	25V	Ceramic	AC
C3602	RC-KZ0072TAZZY	J	1	25V	Ceramic	AC
C3603	RC-KZ0072TAZZY	J	1	25V	Ceramic	AC
C3604	RC-KZ0072TAZZY	J	1	25V	Ceramic	AC
C3605	RC-KZ0072TAZZY	J	1	25V	Ceramic	AC
C3606	RC-KZ0072TAZZY	J	1	25V	Ceramic	AC
C3607	RC-KZ0072TAZZY	J	1	25V	Ceramic	AC
C3608	RC-KZ0072TAZZY	J	1	25V	Ceramic	AC
C3609	RC-KZ0072TAZZY	J	1	25V	Ceramic	AC
C3610	RC-KZ0072TAZZY	J	1	25V	Ceramic	AC
C3702	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3703	RC-KZ1025CEZZY	J	1	10V	Ceramic	AB
C3705	VCKYCY1EB103KY	J	0.01	25V	Ceramic	AA
C3706	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3708	RC-EZA140WJZZY	J	4.7	25V	Electrolytic	AA
C3709	VCEAPT1CN226MY	J	22	16V	Electrolytic	AC
C3710	VCCCCY1HH471JY	J	470p	50V	Ceramic	AA
C3711	VCKYCY1HB562KY	J	5600p	50V	Ceramic	AA
C3712	RC-KZ1025CEZZY	J	1	10V	Ceramic	AB
C3713	VCAAPF1CJ826MY	J	82	16V	Electrolytic	AG
C3714	VCKYCY1HB562KY	J	5600p	50V	Ceramic	AA
C3715	VCCCCY1HH181JY	J	180p	50V	Ceramic	AA
C3716	VCEASH1HN476MY	J	47	50V	Electrolytic	AD
C3717	VCEASH1CN337MY	J	330	16V	Electrolytic	AE
C3718	VCKYTV1CF105ZY	J	1	16V	Ceramic	AB
C3719	VCEASH1CN337MY	J	330	16V	Electrolytic	AE
C3721	VCKYCY1HF104ZY	J	0.1	50V	Ceramic	AA
C3722	VCKYTV1CF105ZY	J	1	16V	Ceramic	AB
C3723	VCAAPF0JJ157MY	J	150	6.3V	Electrolytic	AG
C3724	VCKYTV1CF105ZY	J	1	16V	Ceramic	AB
C3726	VCEASH1CN477MY	J	470	16V	Electrolytic	AD
C3727	RC-EZ1339CEZZY	J	220	16V	Electrolytic	AD
C3728	VCKYTV1CF105ZY	J	1	16V	Ceramic	AB
C3729	VCKYCY1HF104ZY	J	0.1	50V	Ceramic	AA
C3730	VCKYCY1HF104ZY	J	0.1	50V	Ceramic	AA
C3731	RC-KZ1025CEZZY	J	1	10V	Ceramic	AB
C3732	RC-KZ1025CEZZY	J	1	10V	Ceramic	AB
C3733	VCKYCY1HF103ZY	J	0.01	50V	Ceramic	AA
C3734	RC-KZ0075TAZZY	J	2.2	16V	Ceramic	AC
C3735	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3736	RC-KZ1025CEZZY	J	1	10V	Ceramic	AB
C3737	RC-EZA127WJZZY	J	100	16V	Electrolytic	AB
C3901	RC-EZA123WJZZY	J	100	6.3V	Electrolytic	AA
C3902	RC-EZA126WJZZY	J	47	16V	Electrolytic	AA
C3903	RC-KZA041WJZZY	J	10	10V	Ceramic	AC
C3904	RC-KZA041WJZZY	J	10	10V	Ceramic	AC
C3905	RC-EZA126WJZZY	J	47	16V	Electrolytic	AA
C3906	VCCCCY1HH221JY	J	220p	50V	Ceramic	AA
C3907	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C3908	RC-KZA041WJZZY	J	10	10V	Ceramic	AC
C3909	RC-KZA041WJZZY	J	10	10V	Ceramic	AC
C3910	VCCCCY1HH221JY	J	220p	50V	Ceramic	AA
C3911	VCCCCY1HH221JY	J	220p	50V	Ceramic	AA
C3912	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C3913	VCCCCY1HH221JY	J	220p	50V	Ceramic	AA
C5001	VCKYCY1HB222KY	J	2200p	50V	Ceramic	AA
C5002	VCKYCY1HB222KY	J	2200p	50V	Ceramic	AA
C5003	RC-KZA041WJZZY	J	10	10V	Ceramic	AC

Ref. No.	Part No.	★	Description	Code
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RESISTORS

R345	VRS-CY1JF000JY	J	0	1/16W	Metal Oxide	AA
R346	VRS-CY1JF000JY	J	0	1/16W	Metal Oxide	AA
R350	VRS-CY1JF392JY	J	3.9k	1/16W	Metal Oxide	AA
R351	VRS-CY1JF392JY	J	3.9k	1/16W	Metal Oxide	AA
R352	VRS-CY1JF000JY	J	0	1/16W	Metal Oxide	AA
R353	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R354	VRS-CY1JF472JY	J	4.7k	1/16W	Metal Oxide	AA
R355	VRS-CY1JF000JY	J	0	1/16W	Metal Oxide	AA
R358	VRS-CY1JF123JY	J	12k	1/16W	Metal Oxide	AA
R361	VRS-CY1JF562JY	J	5.6k	1/16W	Metal Oxide	AA
R362	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R1901	VRS-CA1JF102JY	J	1k	1/16W	Metal Oxide	AA
R1902	VRS-CY1JF472JY	J	4.7k	1/16W	Metal Oxide	AA
R1903	VRS-CY1JF472JY	J	4.7k	1/16W	Metal Oxide	AA
R1904	VRS-CY1JF105JY	J	1M	1/16W	Metal Oxide	AA
R1907	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1908	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1911	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R1912	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R1913	VRS-CY1JF471JY	J	470	1/16W	Metal Oxide	AA
R1914	VRS-CY1JF122JY	J	1.2k	1/16W	Metal Oxide	AA
R1915	VRS-CY1JF104JY	J	100k	1/16W	Metal Oxide	AA
R1916	VRS-CY1JF562JY	J	5.6k	1/16W	Metal Oxide	AA
R1917	VRS-CY1JF122JY	J	1.2k	1/16W	Metal Oxide	AA
R1918	VRS-CY1JF562JY	J	5.6k	1/16W	Metal Oxide	AA
R1919	VRS-CY1JF471JY	J	470	1/16W	Metal Oxide	AA
R1920	VRS-CY1JF223JY	J	22k	1/16W	Metal Oxide	AA
R1921	VRS-CY1JF104JY	J	100k	1/16W	Metal Oxide	AA
R1923	VRS-CY1JF473JY	J	47k	1/16W	Metal Oxide	AA
R1924	VRS-CY1JF473JY	J	47k	1/16W	Metal Oxide	AA
R1927	VRS-CY1JF223JY	J	22k	1/16W	Metal Oxide	AA
R1928	VRS-CY1JF000JY	J	0	1/16W	Metal Oxide	AA
R1932	VRS-CY1JF000JY	J	0	1/16W	Metal Oxide	AA
R1933	VRS-CY1JF153JY	J	15k	1/16W	Metal Oxide	AA
R1945	VRS-CY1JF223JY	J	22k	1/16W	Metal Oxide	AA
R1947	VRS-CY1JF000JY	J	0	1/16W	Metal Oxide	AA
R1948	VRS-CY1JF102FY	J	1k	1/16W	Metal Oxide	AA
R1950	VRS-CY1JF182FY	J	1.8k	1/16W	Metal Oxide	AA
R1952	VRS-CY1JF822FY	J	8.2k	1/16W	Metal Oxide	AA
R1953	VRS-CY1JF182FY	J	1.8k	1/16W	Metal Oxide	AA
R1954	VRS-CY1JF822FY	J	8.2k	1/16W	Metal Oxide	AA
R1960	VRS-CY1JF102FY	J	1k	1/16W	Metal Oxide	AA
R1962	VRS-CY1JF822FY	J	8.2k	1/16W	Metal Oxide	AA
R1963	VRS-CY1JF000JY	J	0	1/16W	Metal Oxide	AA
R1965	VRS-CY1JF822FY	J	8.2k	1/16W	Metal Oxide	AA
R1966	VRS-CY1JF000JY	J	0	1/16W	Metal Oxide	AA
R1968	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1973	VRS-CY1JF473JY	J	47k	1/16W	Metal Oxide	AA
R1974	VRS-CY1JF473JY	J	47k	1/16W	Metal Oxide	AA
R2201	VRS-CY1JF561FY	J	560	1/16W	Metal Oxide	AA
R2202	VRS-CY1JF102FY	J	1k	1/16W	Metal Oxide	AA
R2203	VRS-CY1JF561FY	J	560	1/16W	Metal Oxide	AA
R2204	VRS-CY1JF102FY	J	1k	1/16W	Metal Oxide	AA
R2205	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R2207	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R2208	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R2209	VRS-TW2ED000JY	J	0	1/4W	Metal Oxide	AB
R2210	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R2211	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R2212	VRS-TX2HF1R0JY	J	1	1/2W	Metal Oxide	AB
R2213	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R2214	VRS-CY1JF561JY	J	560	1/16W	Metal Oxide	AA
R2215	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R2216	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R2217	VRS-CY1JF472JY	J	4.7k	1/16W	Metal Oxide	AA
R2218	VRS-CY1JF472JY	J	4.7k	1/16W	Metal Oxide	AA
R2219	VRS-CY1JF471JY	J	470	1/16W	Metal Oxide	AA
R2220	VRS-TX2HF471JY	J	470	1/2W	Metal Oxide	AB
R2221	VRS-CY1JF332JY	J	3.3k	1/16W	Metal Oxide	AA
R2222	VRS-CY1JF152JY	J	1.5k	1/16W	Metal Oxide	AA
R2223	VRS-CY1JF221JY	J	220	1/16W	Metal Oxide	AA
R2224	VRS-CY1JF222JY	J	2.2k	1/16W	Metal Oxide	AA
R2225	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R2226	VRS-CY1JF222JY	J	2.2k	1/16W	Metal Oxide	AA

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
DUNTKB751DE03									
TUNER UNIT (Continued)									
R2227	VR5-CY1JF221JY	J	220 1/16W Metal Oxide	AA	R3741	VR5-CY1JF122FY	J	1.2k 1/16W Metal Oxide	AA
R2228	VR5-CY1JF152JY	J	1.5k 1/16W Metal Oxide	AA	R3742	VR5-CY1JF682FY	J	6.8k 1/16W Metal Oxide	AA
R2229	VR5-CY1JF152JY	J	1.5k 1/16W Metal Oxide	AA	R3743	VR5-CY1JF122FY	J	1.2k 1/16W Metal Oxide	AA
R3301	VR5-CY1JF223JY	J	22k 1/16W Metal Oxide	AA	R3744	VR5-CY1JF243FY	J	24k 1/16W Metal Oxide	AA
R3302	VR5-CY1JF682JY	J	6.8k 1/16W Metal Oxide	AA	R3745	VR5-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R3303	VR5-CY1JF101JY	J	100 1/16W Metal Oxide	AA	R3746	VR5-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R3304	VR5-CY1JF103JY	J	10k 1/16W Metal Oxide	AA	R3747	VR5-CY1JF123FY	J	12k 1/16W Metal Oxide	AA
R3305	VR5-CY1JF562JY	J	5.6k 1/16W Metal Oxide	AA	R3748	VR5-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R3306	VR5-CY1JF153JY	J	15k 1/16W Metal Oxide	AA	R3749	VR5-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R3307	VR5-CY1JF102JY	J	1k 1/16W Metal Oxide	AA	R3750	VR5-CY1JF391JY	J	390 1/16W Metal Oxide	AA
R3308	VR5-CY1JF102JY	J	1k 1/16W Metal Oxide	AA	R3751	VR5-CY1JF273FY	J	27k 1/16W Metal Oxide	AA
R3309	VR5-CY1JF102JY	J	1k 1/16W Metal Oxide	AA	R3752	VR5-CY1JF273FY	J	27k 1/16W Metal Oxide	AA
R3310	VR5-CY1JF102JY	J	1k 1/16W Metal Oxide	AA	R3753	VR5-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R3311	VR5-CY1JF682JY	J	6.8k 1/16W Metal Oxide	AA	R3754	VR5-TV1JD103JY	J	10k 1/10W Metal Oxide	AA
R3312	VR5-CY1JF682JY	J	6.8k 1/16W Metal Oxide	AA	R3755	VR5-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3313	VR5-CY1JF122JY	J	1.2k 1/16W Metal Oxide	AA	R3756	VR5-CY1JF222JY	J	2.2k 1/16W Metal Oxide	AA
R3314	VR5-CR3AD1R0JY	J	1 1W Metal Oxide	AC	R3901	VR5-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R3315	VR5-TX2HF000JY	J	0 1/2W Metal Oxide	AB	R3902	VR5-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3316	VR5-TX2HF000JY	J	0 1/2W Metal Oxide	AB	R3903	VR5-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3501	VR5-CY1JF471JY	J	470 1/16W Metal Oxide	AA	R3905	VR5-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R3502	VR5-CY1JF102JY	J	1k 1/16W Metal Oxide	AA	R3906	VR5-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3503	VR5-CY1JF102JY	J	1k 1/16W Metal Oxide	AA	R3907	VR5-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R3504	VR5-CY1JF122JY	J	1.2k 1/16W Metal Oxide	AA	R3908	VR5-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R3505	VR5-CY1JF471JY	J	470 1/16W Metal Oxide	AA	R3909	VR5-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R3506	VR5-CY1JF682JY	J	6.8k 1/16W Metal Oxide	AA	R3910	VR5-CY1JF271JY	J	270 1/16W Metal Oxide	AA
R3507	VR5-CY1JF122JY	J	1.2k 1/16W Metal Oxide	AA	R3911	VR5-CY1JF271JY	J	270 1/16W Metal Oxide	AA
R3508	VR5-CY1JF473JY	J	47k 1/16W Metal Oxide	AA	R3912	VR5-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R3509	VR5-CY1JF153JY	J	15k 1/16W Metal Oxide	AA	R3913	VR5-CY1JF823JY	J	82k 1/16W Metal Oxide	AA
R3510	VR5-CY1JF682JY	J	6.8k 1/16W Metal Oxide	AA	R3914	VR5-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R3511	VR5-CY1JF223JY	J	22k 1/16W Metal Oxide	AA	R3915	VR5-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3512	VR5-CY1JF473JY	J	47k 1/16W Metal Oxide	AA	R3916	VR5-CY1JF271JY	J	270 1/16W Metal Oxide	AA
R3513	VR5-CY1JF102JY	J	1k 1/16W Metal Oxide	AA	R3917	VR5-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3514	VR5-CY1JF102JY	J	1k 1/16W Metal Oxide	AA	R3918	VR5-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3601	VR5-CB1JF222JY	J	2.2k 1/16W Metal Oxide	AC	R3919	VR5-CY1JF271JY	J	270 1/16W Metal Oxide	AA
R3603	VR5-CB1JF222JY	J	2.2k 1/16W Metal Oxide	AC	R3920	VR5-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3604	VR5-CA1JF222JY	J	2.2k 1/16W Metal Oxide	AA	R3921	VR5-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R3605	VR5-CB1JF824JY	J	820k 1/16W Metal Oxide	AC	R3922	VR5-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3606	VR5-CB1JF824JY	J	820k 1/16W Metal Oxide	AC	R3923	VR5-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3607	VR5-CA1JF824JY	J	820k 1/16W Metal Oxide	AB	R3924	VR5-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3608	VR5-CB1JF562JY	J	5.6k 1/16W Metal Oxide	AC	R3925	VR5-TQ2BD750JY	J	75 1/8W Metal Oxide	AA
R3609	VR5-CB1JF562JY	J	5.6k 1/16W Metal Oxide	AC	R3926	VR5-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3610	VR5-CA1JF562JY	J	5.6k 1/16W Metal Oxide	AA	R3927	VR5-TQ2BD750JY	J	75 1/8W Metal Oxide	AA
R3611	VR5-CY1JF563JY	J	56k 1/16W Metal Oxide	AA	R3928	VR5-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3612	VR5-CY1JF101JY	J	100 1/16W Metal Oxide	AA	R3929	VR5-TQ2BD750JY	J	75 1/8W Metal Oxide	AA
R3701	VR5-TW2ED102JY	J	1k 1/4W Metal Oxide	AA	R3930	VR5-CY1JF750JY	J	75 1/16W Metal Oxide	AA
R3703	VR5-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA	R3931	VR5-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R3705	VR5-TW2ED1R0JY	J	1 1/4W Metal Oxide	AB	R3932	VR5-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3706	VR5-CY1JF332FY	J	3.3k 1/16W Metal Oxide	AA	R3933	VR5-TQ2BD750JY	J	75 1/8W Metal Oxide	AA
R3707	VR5-CY1JF332FY	J	3.3k 1/16W Metal Oxide	AA	R3934	VR5-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3708	VR5-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA	R3935	VR5-TQ2BD750JY	J	75 1/8W Metal Oxide	AA
R3709	VR5-CY1JF105JY	J	1M 1/16W Metal Oxide	AA	R3936	VR5-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3711	VR5-CY1JF274JY	J	270k 1/16W Metal Oxide	AA	R5001	VR5-TQ2BD750JY	J	75 1/8W Metal Oxide	AA
R3712	VR5-CY1JF133FY	J	13k 1/16W Metal Oxide	AA	R5002	VR5-TQ2BD750JY	J	75 1/8W Metal Oxide	AA
R3713	VR5-TW2ED102JY	J	1k 1/4W Metal Oxide	AA	R5003	VR5-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3715	VR5-CY1JF272JY	J	2.7k 1/16W Metal Oxide	AA	R5004	VR5-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R3716	VR5-CY1JF273FY	J	27k 1/16W Metal Oxide	AA	R5005	VR5-TQ2BD750JY	J	75 1/8W Metal Oxide	AA
R3717	VR5-CY1JF100JY	J	10 1/16W Metal Oxide	AA	R5006	VR5-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R3718	VR5-CY1JF184JY	J	180k 1/16W Metal Oxide	AA	R5007	VR5-TX2HF220JY	J	22 1/2W Metal Oxide	AB
R3719	VR5-CY1JF123FY	J	12k 1/16W Metal Oxide	AA	R5008	VR5-TX2HF220JY	J	22 1/2W Metal Oxide	AB
R3720	VR5-TX2HF000JY	J	0 1/2W Metal Oxide	AB	R5009	VR5-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3722	VR5-CE3AF821JY	J	820 1W Metal Oxide	AC	R5010	VR5-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3723	VR5-CY1JF102JY	J	1k 1/16W Metal Oxide	AA	R5011	VR5-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3728	VR5-TV1JD103JY	J	10k 1/10W Metal Oxide	AA	R5012	VR5-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3729	VR5-CY1JF1R0JY	J	1 1/16W Metal Oxide	AA	R5013	VR5-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3731	VR5-CY1JF000JY	J	0 1/16W Metal Oxide	AA	MISCELLANEOUS PARTS				
R3734	VR5-TQ2BD683JY	J	68k 1/8W Metal Oxide	AA	△ F3301	QFS-D0008CEZZ	J	Fuse, 2A/250V	AE
R3735	VR5-CY1JF223JY	J	22k 1/16W Metal Oxide	AA	△ F3302	QFS-D0006CEZZ	J	Fuse, 1.25A/250V	AF
R3737	VR5-TW2ED561JY	J	560 1/4W Metal Oxide	AA	FH3301	QFSDH1002CEZZ	J	Fuse Holder	AA
R3738	VR5-CY1JF123FY	J	12k 1/16W Metal Oxide	AA	FH3302	QFSDH1002CEZZ	J	Fuse Holder	AA
R3739	VR5-CY1JF222JY	J	2.2k 1/16W Metal Oxide	AA	FH3303	QFSDH1002CEZZ	J	Fuse Holder	AA
R3740	VR5-CY1JF182FY	J	1.8k 1/16W Metal Oxide	AA	FH3304	QFSDH1002CEZZ	J	Fuse Holder	AA
					FB3701	RBLN-0095CEZZY	J	Ferrite Bead	AD
					FB3702	RBLN-0095CEZZY	J	Ferrite Bead	AD
					FB3703	RBLN-0095CEZZY	J	Ferrite Bead	AD

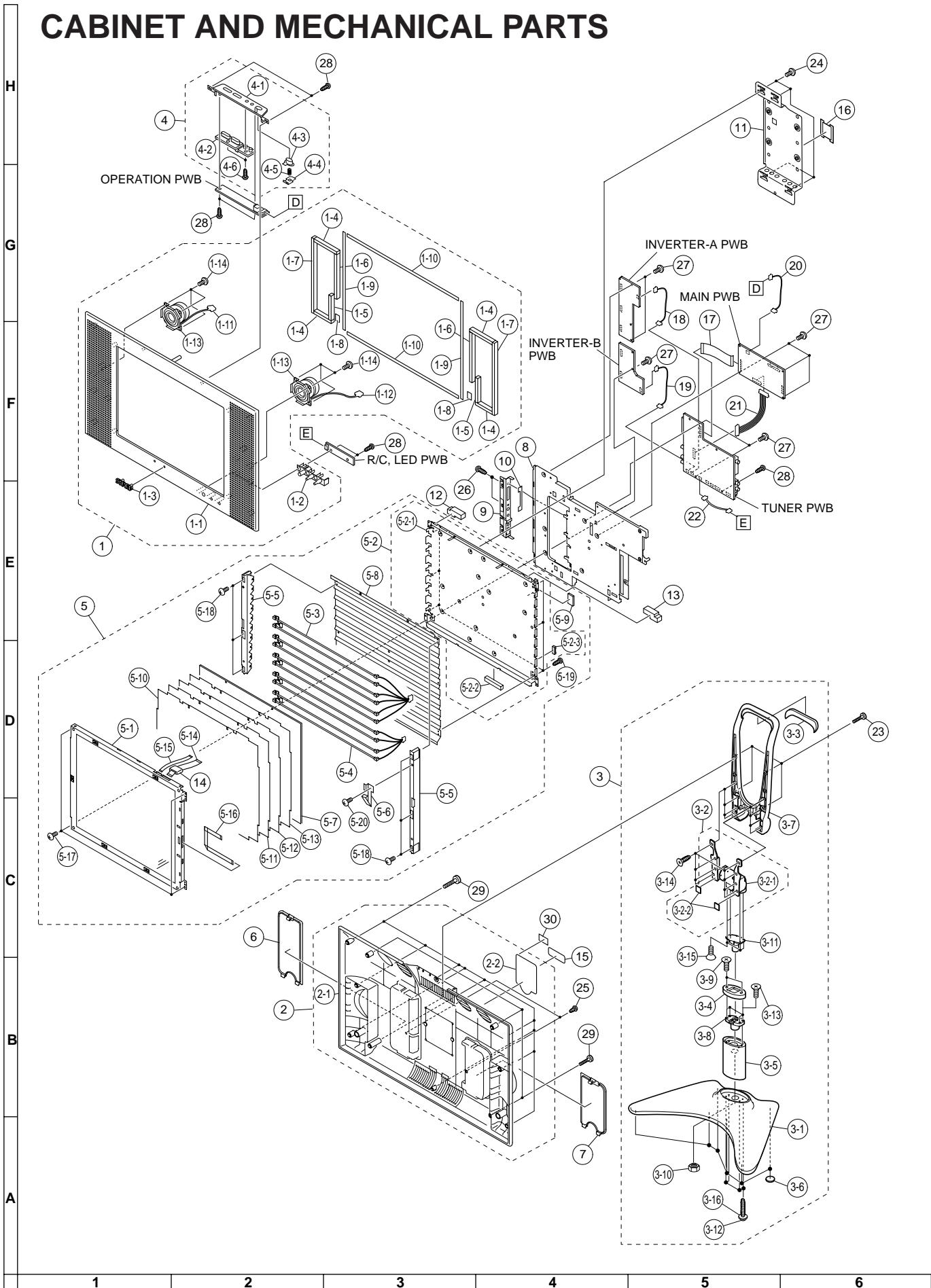
Ref. No.	Part No.	★	Description	Code
DUNTKB751DE03				
TUNER UNIT (Continued)				
FB3705	RBLN-0051TAZZY	J	Ferrite Bead	AC
FB3707	RBLN-0254TAZZY	J	Ferrite Bead	AB
FB3708	RBLN-0051TAZZY	J	Ferrite Bead	AC
FB3709	RBLN-0254TAZZY	J	Ferrite Bead	AB
FB5001	RBLN-0062CEZZY	J	Ferrite Bead	AC
FB5002	RBLN-0062CEZZY	J	Ferrite Bead	AC
J3701	QJAKE0193CEZZ	J	POWER INPUT DC13V	AK
J3901	QJAKF0066CEZZ	J	Audio Out(L)/(R)	AE
J5001	QJAKF0060CEZZ	J	Audio(L)/(R)(AV-IN 2)	AE
J5002	QJAKJ0047CEZZ	J	Headphone	AD
J5003	QJAKEA047WJ04	J	Video(AV-IN 2)	AB
P1902	QPLGN1278GEZZ	J	Plug, 12-pin(MB)	AC
P3301	QPLGN0278GEZZ	J	Plug, 2-pin(SL)	AA
P3302	QPLGN0278GEZZ	J	Plug, 2-pin(SR)	AA
P3601	QPLGN0478GEZZ	J	Plug, 4-pin(CL1)	AB
P3602	QPLGN0678GEZZ	J	Plug, 6-pin(CL2)	AB
P3603	QPLGN0378GEZZ	J	Plug, 3-pin(VE)	AB
P3604	QPLGN0378GEZZ	J	Plug, 3-pin(VF)	AB
P3901	QPLGN0006CEZZ	J	Plug, 14-pin	AD
P3902	QPLGN0558REZZY	J	Plug, 5-pin(MR)	AE
SC3901	QSOCZA012WJZZ	J	Socket, AV-IN1	AG
SC3902	QSOCN0464FJZZY	J	Socket, 50-pin(MA)	AH
SC5001	QSOCDO456CEZZ	J	S-Video(AV-IN 2)	AE
TP3701	QLUGHA002WJZZ	J	Lug	AB
TP3702	QLUGHA002WJZZ	J	Lug	AB
	PSLDCA005WJZZ	J	Shield	AC
	PSLDMA208WJFW	J	Shield	AD
	QCNW-A307WJZZ	J	Connecting Cord(VF)	AD
	QCNW-A487WJZZ	J	Connecting Cord(VE)	AE
	QCNW-B180WJZZ	J	Connecting Cord(MB)	AK
	LANGT9102CEFW	J	Fixing Metal	AF
	LHLDW1025TAZZ	J	Wire Holder, x1	AB
	LHLDW1123GEZZ	J	Wire Holder, x1	AB

Ref. No.	Part No.	★	Description	Code
DUNTKB752DE03				
R/C, LED UNIT				
TRANSISTORS				
Q4001	VSDTC144EE/-1Y	J	DTC144EE	AA
Q4003	VSDTC144EE/-1Y	J	DTC144EE	AA
Q4007	VSUMG4N++++-1Y	J	UMG4N	AB
DIODES				
D4011	RH-PX0419CEZZY	J	Remote Sensor Indicator	AC
D4012	RH-EX1271CEZZY	J	Zener Diode, 12V	AB
D4014	RH-PX0421CEZZY	J	Power/Standby Indicator	AD
D4015	RH-EX1271CEZZY	J	Zener Diode, 12V	AB
D4022	RH-EX1271CEZZY	J	Zener Diode, 12V	AB
CAPACITOR				
C4018	RC-KZ1025CEZZY	J	1 10V Ceramic	AB
RESISTORS				
R4001	VRS-CY1JF562JY	J	5.6k 1/16W Metal Oxide	AA
R4021	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R4023	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4024	VRS-CY1JF471JY	J	470 1/16W Metal Oxide	AA
R4029	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
MISCELLANEOUS PARTS				
P4004	QPLGN0563TAZZY	J	Plug, 5-pin(MR)	AC
RMC4002	RRMCU0239CEZZ	J	R/C Receiver	AG
	PSLDM4646CEFW	J	Shield	AD
	QCNW-B310WJZZ	J	Connecting Cord(MR)	AD

DUNTKB753DE03				
OPERATION UNIT				
DIODES				
D4008	RH-EX1283CEZZY	J	Zener Diode	AB
D4009	RH-EX1271CEZZY	J	Zener Diode	AB
D4010	RH-EX1271CEZZY	J	Zener Diode	AB
RESISTORS				
R4005	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R4006	VRS-CY1JF333JY	J	33k 1/16W Metal Oxide	AA
R4011	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R4012	VRS-CY1JF333JY	J	33k 1/16W Metal Oxide	AA
SWITCHES				
S4701	QSW-P0035GEZZ	J	Main Power	AF
SW4002	QSW-K0108CEZZY	J	CH(✓)	AD
SW4003	QSW-K0108CEZZY	J	CH(∧)	AD
SW4004	QSW-K0108CEZZY	J	MENU	AD
SW4006	QSW-K0108CEZZY	J	TV/VIDEO	AD
SW4007	QSW-K0108CEZZY	J	Volume(+)	AD
SW4008	QSW-K0108CEZZY	J	Volume(-)	AD
MISCELLANEOUS PARTS				
P4001	QPLGN0563TAZZY	J	Plug, 5-pin(MS)	AC
	QCNW-A744WJZZ	J	Connecting Cord(MS)	AE

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
DUNTKB590DE02					DUNTKB591DE02				
INVERTER-A UNIT					INVERTER-B UNIT				
TRANSISTORS					TRANSISTORS				
Q6700	VS2SC5886++-1Y	J	2SC5886	AC	Q6709	VS2SC5886++-1Y	J	2SC5886	AC
Q6701	VS2SC5886++-1Y	J	2SC5886	AC	Q6710	VS2SC5886++-1Y	J	2SC5886	AC
Q6702	VS2SA1530AR-1Y	J	2SA1530AR	AB	Q6711	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q6703	VS2SC5886++-1Y	J	2SC5886	AC	Q6712	VS2SC5886++-1Y	J	2SC5886	AC
Q6704	VS2SC5886++-1Y	J	2SC5886	AC	Q6713	VS2SC5886++-1Y	J	2SC5886	AC
Q6705	VS2SA1530AR-1Y	J	2SA1530AR	AB	Q6714	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q6706	VS2SC5886++-1Y	J	2SC5886	AC	DIODE				
Q6707	VS2SC5886++-1Y	J	2SC5886	AC	D6701	VHDDAN222/-1Y	J	Diode	AA
Q6708	VS2SA1530AR-1Y	J	2SA1530AR	AB	COILS				
DIODE					L6706	RCiLPA034WJZZ	J	Coil	AD
D6700	VHDI MN10///-1Y	J	Diode	AB	L6708	RCiLPA034WJZZ	J	Coil	AD
COILS					TRANSFORMERS				
L6700	RCiLPA034WJZZ	J	Coil	AD	△ T6706	RTRNZA030WJZZQ	J	Transformer	AH
L6702	RCiLPA034WJZZ	J	Coil	AD	△ T6707	RTRNZA030WJZZQ	J	Transformer	AH
L6704	RCiLPA034WJZZ	J	Coil	AD	△ T6708	RTRNZA030WJZZQ	J	Transformer	AH
TRANSFORMERS					△ T6709	RTRNZA030WJZZQ	J	Transformer	AH
△ T6700	RTRNZA030WJZZQ	J	Transformer	AH	CAPACITORS				
△ T6701	RTRNZA030WJZZQ	J	Transformer	AH	C6717	VCKYCY1CB333KY	J	0.033 16V Ceramic	AA
△ T6702	RTRNZA030WJZZQ	J	Transformer	AH	C6718	VCKYCY1CB333KY	J	0.033 16V Ceramic	AA
△ T6703	RTRNZA030WJZZQ	J	Transformer	AH	C6719	VCEA4A1CN108M	J	1000 16V Electrolytic	AD
△ T6704	RTRNZA030WJZZQ	J	Transformer	AH	C6722	VCKYCY1CB333KY	J	0.033 16V Ceramic	AA
△ T6705	RTRNZA030WJZZQ	J	Transformer	AH	C6723	VCKYCY1CB333KY	J	0.033 16V Ceramic	AA
CAPACITORS					C6724	VCEA4A1CN108M	J	1000 16V Electrolytic	AD
C6702	VCKYCY1CB333KY	J	0.033 16V Ceramic	AA	C6740	RC-FZA043WJZZ	J	0.14 250V Film	AE
C6703	VCKYCY1CB333KY	J	0.033 16V Ceramic	AA	C6741	RC-FZA043WJZZ	J	0.14 250V Film	AE
C6704	VCEA4A1CN108M	J	1000 16V Electrolytic	AD	RESISTORS				
C6707	VCKYCY1CB333KY	J	0.033 16V Ceramic	AA	R6712	VRS-TW2ED182JY	J	1.8k 1/4W Metal Oxide	AA
C6708	VCKYCY1CB333KY	J	0.033 16V Ceramic	AA	R6714	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
C6709	VCEA4A1CN108M	J	1000 16V Electrolytic	AD	R6715	VRS-CY1JF333JY	J	33k 1/16W Metal Oxide	AA
C6712	VCKYCY1CB333KY	J	0.033 16V Ceramic	AA	R6716	VRS-TW2ED182JY	J	1.8k 1/4W Metal Oxide	AA
C6713	VCKYCY1CB333KY	J	0.033 16V Ceramic	AA	R6718	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
C6714	VCEA4A1CN108M	J	1000 16V Electrolytic	AD	R6719	VRS-CY1JF333JY	J	33k 1/16W Metal Oxide	AA
C6725	RC-FZA043WJZZ	J	0.14 250V Film	AE	R6723	VRS-TW2ED152JY	J	1.5k 1/4W Metal Oxide	AB
C6726	RC-FZA043WJZZ	J	0.14 250V Film	AE	R6724	VRS-TW2ED152JY	J	1.5k 1/4W Metal Oxide	AB
C6727	RC-FZA043WJZZ	J	0.14 250V Film	AE	MISCELLANEOUS PARTS				
RESISTORS					△ F6703	QFS-D0006CEZZ	J	Fuse, 1.25A/250V	AF
R6700	VRS-TW2ED182JY	J	1.8k 1/4W Metal Oxide	AA	△ F6704	QFS-D0006CEZZ	J	Fuse, 1.25A/250V	AF
R6702	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA	FH6706	QFSDH1002CEZZ	J	Fuse Holder	AA
R6703	VRS-CY1JF333JY	J	33k 1/16W Metal Oxide	AA	FH6707	QFSDH1002CEZZ	J	Fuse Holder	AA
R6704	VRS-TW2ED182JY	J	1.8k 1/4W Metal Oxide	AA	FH6708	QFSDH1002CEZZ	J	Fuse Holder	AA
R6706	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA	FH6709	QFSDH1002CEZZ	J	Fuse Holder	AA
R6707	VRS-CY1JF333JY	J	33k 1/16W Metal Oxide	AA	P6703	QPLGN0155FJZZY	J	Plug, 3-pin(HL1)	AE
R6708	VRS-TW2ED182JY	J	1.8k 1/4W Metal Oxide	AA	P6704	QPLGN0155FJZZY	J	Plug, 3-pin(HL2)	AE
R6710	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA	P6706	QPLGN0378GEZZ	J	Plug, 3-pin	AB
R6711	VRS-CY1JF333JY	J	33k 1/16W Metal Oxide	AA	MISCELLANEOUS PARTS				
R6720	VRS-TW2ED152JY	J	1.5k 1/4W Metal Oxide	AB	△ F6700	QFS-D0006CEZZ	J	Fuse, 1.25A/250V	AF
R6721	VRS-TW2ED152JY	J	1.5k 1/4W Metal Oxide	AB	△ F6701	QFS-D0006CEZZ	J	Fuse, 1.25A/250V	AF
R6722	VRS-TW2ED152JY	J	1.5k 1/4W Metal Oxide	AB	△ F6702	QFS-D0006CEZZ	J	Fuse, 1.25A/250V	AF
MISCELLANEOUS PARTS					FH6700	QFSDH1002CEZZ	J	Fuse Holder	AA
△ F6700	QFS-D0006CEZZ	J	Fuse, 1.25A/250V	AF	FH6701	QFSDH1002CEZZ	J	Fuse Holder	AA
△ F6701	QFS-D0006CEZZ	J	Fuse, 1.25A/250V	AF	FH6702	QFSDH1002CEZZ	J	Fuse Holder	AA
△ F6702	QFS-D0006CEZZ	J	Fuse, 1.25A/250V	AF	FH6703	QFSDH1002CEZZ	J	Fuse Holder	AA
FH6700	QFSDH1002CEZZ	J	Fuse Holder	AA	FH6704	QFSDH1002CEZZ	J	Fuse Holder	AA
FH6701	QFSDH1002CEZZ	J	Fuse Holder	AA	FH6705	QFSDH1002CEZZ	J	Fuse Holder	AA
FH6702	QFSDH1002CEZZ	J	Fuse Holder	AA	P6700	QPLGN0155FJZZY	J	Plug, 3-pin(HL3)	AE
FH6703	QFSDH1002CEZZ	J	Fuse Holder	AA	P6701	QPLGN0155FJZZY	J	Plug, 3-pin(HL4)	AE
FH6704	QFSDH1002CEZZ	J	Fuse Holder	AA	P6702	QPLGN0155FJZZY	J	Plug, 3-pin(HL5)	AE
FH6705	QFSDH1002CEZZ	J	Fuse Holder	AA	P6705	QPLGN0378GEZZ	J	Plug, 3-pin(VE)	AB
P6700	QPLGN0155FJZZY	J	Plug, 3-pin(HL3)	AE					
P6701	QPLGN0155FJZZY	J	Plug, 3-pin(HL4)	AE					
P6702	QPLGN0155FJZZY	J	Plug, 3-pin(HL5)	AE					
P6705	QPLGN0378GEZZ	J	Plug, 3-pin(VE)	AB					

CABINET AND MECHANICAL PARTS



Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
CABINET AND MECHANICAL PARTS					5-20	XEBSD30P08000	J	Screw, x1	AA
1	CCABAA295WJ01	J	Cabinet A Ass'y	BK	6	GCOVA2028CEKA	J	Terminal Cover (L)	AL
1-1	<i>Not Available</i>	—	Cabinet A	—	7	GCOVA2038CEKA	J	Terminal Cover (S)	AK
1-2	GCOVA2020CEZZ	J	R/C, LED Cover	AF	8	GCOVA2117CEKA	J	Chassis Frame	AU
1-3	HBDGBA011WJSA	J	"SHARP" Badge	AG	9	GCOVA2118CEKA	J	Chassis Frame Cover	AG
1-4	PSPAG0393CEUZ	J	Spacer, x4	AB	10	LANGK0782CEFW	J	Fixing Angle	AF
1-5	PSPAG0404CEZZ	J	Spacer, x2	AB	11	LANGT9032CEFW	J	Reinforcement Angle	AR
1-6	PSPAG0405CEZZ	J	SP Packing-S, x2	AC	12	PMLT-0404CEZZ	J	Light Shielding Spacer (R)	AD
1-7	PSPAG0416CEZZ	J	SP Packing-D, x2	AC	13	PMLT-0405CEZZ	J	Light Shielding Spacer (L)	AD
1-8	PSPAH0678CEZZ	J	SP Himeron, x2	AA	14	RCORFA028WJZZ	J	Core	AK
1-9	PSPAH0699CEUZ	J	Spacer, x2	AD	15	<i>Not Available</i>	—	Serial No. Label	—
1-10	PSPAH0700CEUZ	J	Spacer, x2	AD	16	PSLDM012WJZZ	J	Earth Shield	AD
1-11	QCNW-B398WJZZ	J	Connecting Cord (SP-L)	AE	17	QCNW-6058CEZZ	J	Connecting Cord (MA)	AE
1-12	QCNW-B399WJZZ	J	Connecting Cord (SP-R)	AE	18	QCNW-A307WJZZ	J	Connecting Cord (VF)	AD
1-13	VSP0050PBP98S	J	Speaker, x2	AR	19	QCNW-A487WJZZ	J	Connecting Cord (VE)	AE
1-14	XEBSD40P10000	J	Screw, x8	AA	20	QCNW-A744WJZZ	J	Connecting Cord (MS)	AE
2	CCABB2359CE03	J	Cabinet B Ass'y	BB	21	QCNW-B180WJZZ	J	Connecting Cord (MB)	AK
2-1	<i>Not Available</i>	—	Cabinet B	—	22	QCNW-B310WJZZ	J	Connecting Cord (MR)	AD
2-2	HiNDPA354WJSA		Model Label	AG	23	LX-BZ3442CEFF	J	Screw, x4	AB
3	CDAi-A045WJ01	J	Stand Ass'y	BR	24	XBBSD40P06000	J	Screw, x4	AA
3-1	GDai-A045WJSA	J	Stand, Base	BA	25	XBBSF30P06000	J	Screw, x2	AA
3-2	CDAi-1123CE01	J	Stand Joint Ass'y	BB	26	XBBSF30P08000	J	Screw, x2	AA
3-2-1	<i>Not Available</i>	—	Stand Joint	—	27	XBPSD30P10JS0	J	Screw, x8	AA
3-2-2	PSPAZA083WJZZ	J	Spacer, x2	AB	28	XEBSD30P08000	J	Screw, x7	AA
3-3	GCOVA1945CESA	J	Stand Grip	AK	29	XEBSF40P16000	J	Screw, x12	AA
3-4	GCOVAA251WJSA	J	Support Cover	AM	30	TLABS0106TAZZ	J	GOST Label (LC-20B4E(R))	AD
3-5	GDai-A062WJSA	J	Support	AQ					
3-6	GLEGGA014WJZZ	J	Leg, x6	AB					
3-7	JHNDP0103CESA	J	Stand Handle	AX					
3-8	LANGGA016WJFW	J	Swivel Base	AG					
3-9	LX-BZA019WJFE	J	Screw, x2	AB					
3-10	LX-NZA001WJFE	J	Nut, x1	AD					
3-11	MHNG-A004WJFW	J	Hinge, x1	AU					
3-12	XCBSD50P25000	J	Screw, x4	AB					
3-13	XCSSN50P20000	J	Screw, x4	AB					
3-14	XESSN40P10000	J	Screw, x8	AB					
3-15	XUUSD40P20000	J	Screw, x4	AB					
3-16	XWHSN50-16120	J	Washer, x4	AB					
4	CCOVAA387WJ01	J	Top Cover Ass'y	AS					
4-1	<i>Not Available</i>	—	Top Cover	—					
4-2	JBTN-A087WJKA	J	Operation Button	AL					
4-3	JBTN-A088WJKA	J	Power Button	AF					
4-4	LHLDZA027WJKZ	J	Power Button Holder	AE					
4-5	MSPRCA014WJFW	J	Spring, for Power Button	AB					
4-6	XEBSD30P08000	J	Screw, x2	AA					
5	<i>Not Available</i>	—	20" LCD Panel Unit Ass'y	—					
5-1	RLCDA014WJN1	J	20" LCD Panel Unit	DM					
5-2	<i>Not Available</i>	—	Back Shield Ass'y	—					
5-2-1	PSLDM4685CEFW	J	Back Shield	AX					
5-2-2	PMLT-0402CEZZ	J	Spacer	AC					
5-2-3	LHLDW1173CEZZ	J	Wire Holder	AD					
△ 5-3	KLMP-0124CEZZ	J	Lamp Unit-A	BH					
△ 5-4	KLMP-0125CEZZ	J	Lamp Unit-B	BD					
5-5	LHLDZ2176CEZZ	J	Lamp Fixing Holder, x2	AL					
5-6	MSPRP1220CEFW	J	ITO Earth Spring	AC					
5-7	PCOVU0107CEZZ	J	Diffusion Panel	AY					
5-8	PMiR-0296CEZZ	J	Reflection Mirror	AX					
5-9	PMLT-0377CEZZ	J	Spacer	AD					
5-10	PSHEP0286CEZZ	J	Reflection/Deflection Sheet	BP					
5-11	PSHEP0287CEZZ	J	Prism Sheet	BC					
5-12	PSHEP0288CEZZ	J	Diffusion Sheet	AQ					
5-13	PSHEP0289CEZZ	J	ITO Sheet	AY					
5-14	QCNW-6054CEZZ	J	Connecting Cord	AD					
5-15	QCNW-6055CEZZ	J	Connecting Cord	AD					
5-16	QCNW-6056CEZZ	J	Connecting Cord	AF					
5-17	XBBSD30P05000	J	Screw, x4	AA					
5-18	XBBSD30P08000	J	Screw, x6	AA					
5-19	XEBSD20P05000	J	Screw, x6	AA					

Ref. No.	Part No.	★	Description	Code
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ACCESSORIES

△	LHLDWA002WJSA	J	Cable Clamp, x2	AD
△	QACCKA006WJPZ	J	AC Cord (LC-20B4E/E(R))	AN
△	QACCB A016WJPZ	J	AC Cord (LC-20B4E(K))	AS
	RRMCGA074WJSA	J	Infrared R/C Unit	AU
	TiNS-A593WJZZ	J	Operation Manual	AX
			(LC-20B4E/E(K)/E(R))	
	TiNS-A670WJZZ	J	Operation Manual	AR
			(LC-20B4E(R))	
△	UADP-0241CEPZ	J	AC Adapter	BL
	TGAN-1688CEN1	J	Guarantee Card	AN
			(LC-20B4E(K))	
	TGAN-A077WJZZ	J	Guarantee Card	AE
			(LC-20B4E(R))	
	TLABS0106TAZZ	J	GOST Label	AD
			(for AC Adapter) (LC-20B4E(R))	

SERVICE JIGS (USE FOR SERVICING)

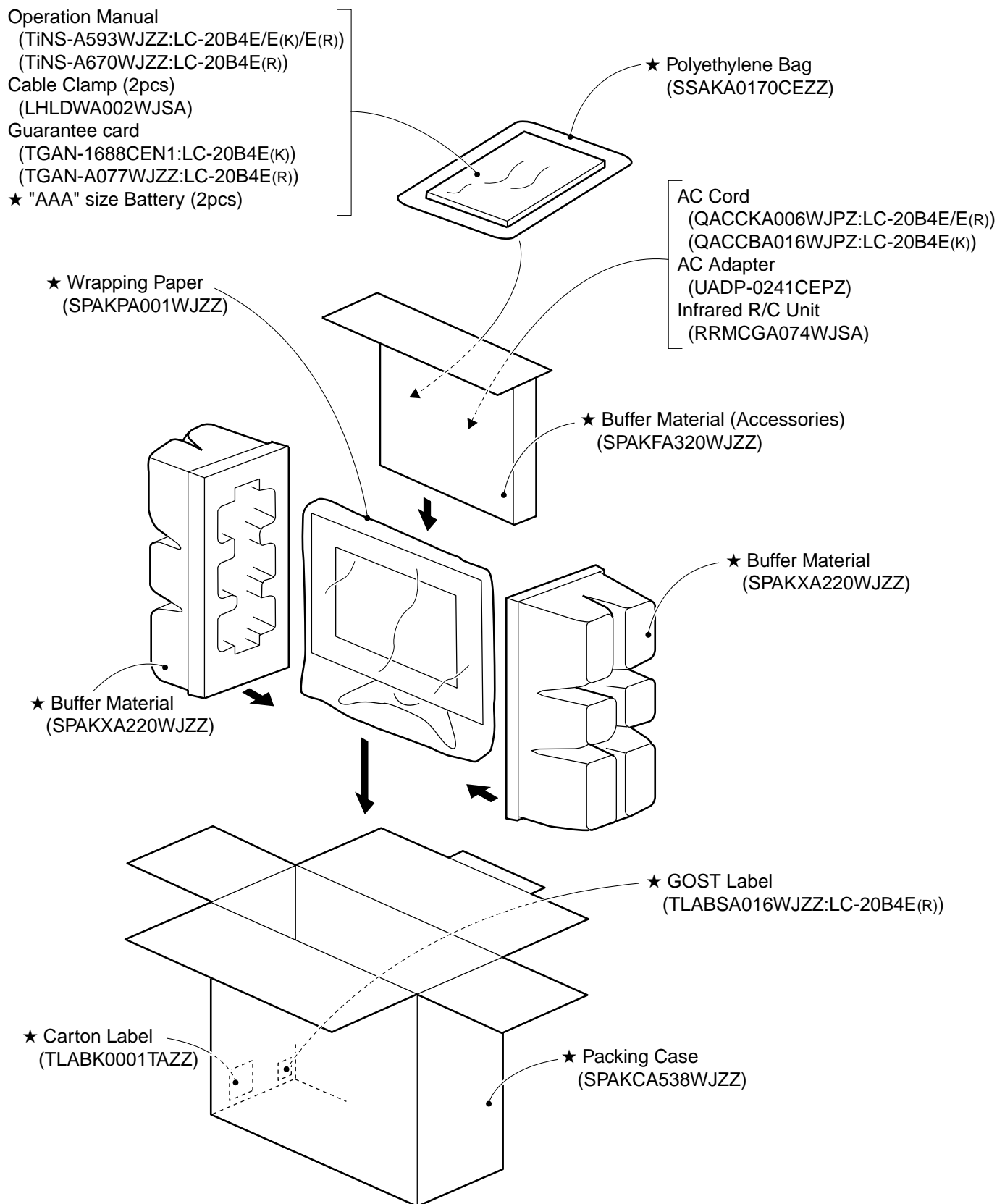
QCNW-A369WJZZ	J	Extension Cable 50-pin Main (SC2001)-Tuner (SC3902)	AT
QCNW-B194WJZZ	J	Extension Cable 12-pin Main (P701)-Tuner (P1902)	AU

Ref. No.	Part No.	★	Description	Code
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PACKING PARTS (NOT REPLACEMENT ITEM)

SPAKCA538WJZZ	—	Packing Case	—
SPAKFA320WJZZ	—	Buffer Material	—
		(Accessories)	
SPAKPA001WJZZ	—	Wrapping Paper	—
SPAKXA220WJZZ	—	Buffer Material	—
SSAKA0170CEZZ	—	Polyethylene Bag	—
TLABK0001TAZZ	—	Carton Label	—
TLABSA016WJZZ	—	GOST Label	—
		(LC-20B4E(R))	

PACKING OF THE SET



★Not Replacement Item

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